

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012918\
 Data File : VW001119.D
 Acq On : 29 Jan 2018 14:08
 Operator : JC/SY
 Sample : VSTDICC150
 Misc : 5.0G/5.0ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 1/30/2018 5:46:54 PM

Quant Time: Jan 30 01:03:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 30 00:46:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	332491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	464240	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	435428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	226587	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	466396	144.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.58%	
35) Dibromofluoromethane	7.88	113	421690	142.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	284.02%	
50) Toluene-d8	10.33	98	1657678	145.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	290.08%	
62) 4-Bromofluorobenzene	12.63	95	628184	149.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	393625	139.70	ug/l	99
3) Chloromethane	2.22	50	369321	150.05	ug/l	99
4) Vinyl Chloride	2.35	62	336392	137.28	ug/l	98
5) Bromomethane	2.72	94	135899	98.47	ug/l	97
6) Chloroethane	2.88	64	186017	133.77	ug/l	98
7) Trichlorofluoromethane	3.23	101	626752	137.64	ug/l	99
8) Diethyl Ether	3.67	74	171100	144.40	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.03	101	436219	144.02	ug/l	99
10) Methyl Iodide	4.25	142	511302	159.86	ug/l	100
11) Tert butyl alcohol	5.20	59	198675m	761.99	ug/l	
12) 1,1-Dichloroethene	4.01	96	385081	145.53	ug/l	100
13) Acrolein	3.89	56	309696	742.46	ug/l	98
14) Allyl chloride	4.65	41	595594	150.65	ug/l	99
15) Acrylonitrile	5.37	53	588755	731.89	ug/l	99
16) Acetone	4.13	43	637710	750.32	ug/l	99
17) Carbon Disulfide	4.36	76	1200235	146.04	ug/l	100
18) Methyl Acetate	4.67	43	291052	147.06	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	1072182	156.56	ug/l	99
20) Methylene Chloride	4.90	84	409070	150.48	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	419750	142.03	ug/l	99
22) Diisopropyl ether	6.32	45	1117588	147.55	ug/l	99
23) Vinyl Acetate	6.26	43	3522064	776.13	ug/l	100
24) 1,1-Dichloroethane	6.21	63	705157	142.67	ug/l	98
25) 2-Butanone	7.18	43	839632	752.62	ug/l	98
26) 2,2-Dichloropropane	7.17	77	682837	139.67	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	462564	146.74	ug/l	100
28) Bromochloromethane	7.51	49	292316	145.51	ug/l	99
29) Tetrahydrofuran	7.53	42	481052	755.07	ug/l	99
30) Chloroform	7.67	83	759933	141.89	ug/l	99
31) Cyclohexane	7.95	56	654957	136.55	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	730741	144.20	ug/l	99
36) 1,1-Dichloropropene	8.08	75	602177	143.68	ug/l	100
37) Ethyl Acetate	7.26	43	319531	144.20	ug/l	99
38) Carbon Tetrachloride	8.06	117	677995	144.84	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	743693	150.28	ug/l	99
40) Benzene	8.32	78	1652727	142.42	ug/l	97
41) Methacrylonitrile	7.49	41	197979	161.07	ug/l	95
42) 1,2-Dichloroethane	8.40	62	527553	144.58	ug/l	99
43) Isopropyl Acetate	8.43	43	597571	156.77	ug/l	100
44) Trichloroethene	9.09	130	495142	142.11	ug/l	100
45) 1,2-Dichloropropane	9.37	63	407668	145.89	ug/l	98
46) Dibromomethane	9.46	93	252432	144.46	ug/l	98
47) Bromodichloromethane	9.65	83	593352	150.08	ug/l	99
48) Methyl methacrylate	9.44	41	293091	160.86	ug/l	99
49) 1,4-Dioxane	9.45	88	94460	3033.57	ug/l	99
51) 4-Methyl-2-Pentanone	10.22	43	1630865	782.99	ug/l	99
52) Toluene	10.40	92	1082236	145.24	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	611648	153.32	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	669106	150.24	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	363033	145.73	ug/l	100
56) Ethyl methacrylate	10.65	69	485357	166.20	ug/l	100
57) 1,3-Dichloropropane	10.94	76	598573	147.80	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	1556921	750.39	ug/l	100
59) 2-Hexanone	10.98	43	1246587	791.10	ug/l	99
60) Dibromochloromethane	11.14	129	465867	153.48	ug/l	100
61) 1,2-Dibromoethane	11.24	107	377574	150.31	ug/l	99
64) Tetrachloroethene	10.87	164	461393	131.77	ug/l	98
65) Chlorobenzene	11.67	112	1257945	143.25	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	474241	147.88	ug/l	99
67) Ethyl Benzene	11.74	91	2190472	149.41	ug/l	98
68) m/p-Xylenes	11.85	106	1692965	296.40	ug/l	99
69) o-Xylene	12.18	106	799424	151.79	ug/l	99
70) Styrene	12.20	104	1330814	153.73	ug/l	100
71) Bromoform	12.36	173	317771	153.36	ug/l #	99
73) Isopropylbenzene	12.48	105	2217703	156.26	ug/l	100
74) N-amyl acetate	12.29	43	530498	163.67	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	437234	150.61	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	328616m	119.02	ug/l	
77) Bromobenzene	12.76	156	558263	151.51	ug/l	99
78) n-propylbenzene	12.82	91	2617787	154.06	ug/l	100
79) 2-Chlorotoluene	12.91	91	1490106	153.23	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	1899722	156.51	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	137817	157.80	ug/l	99
82) 4-Chlorotoluene	13.01	91	1556467	150.14	ug/l	100
83) tert-Butylbenzene	13.22	119	1695017	158.04	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	1920668	155.51	ug/l	99
85) sec-Butylbenzene	13.40	105	2308933	152.21	ug/l	100
86) p-Isopropyltoluene	13.52	119	2073360	153.72	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	1055221	145.04	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	1041154	142.44	ug/l	99
89) n-Butylbenzene	13.84	91	1903063	151.44	ug/l	99
90) Hexachloroethane	14.11	117	384924	153.04	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	950195	142.68	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	89833	153.41	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	719431	146.83	ug/l	100
94) Hexachlorobutadiene	15.26	225	429057	141.60	ug/l	99
95) Naphthalene	15.39	128	1530235	158.28	ug/l	100
96) 1,2,3-Trichlorobenzene	15.58	180	651486	144.17	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

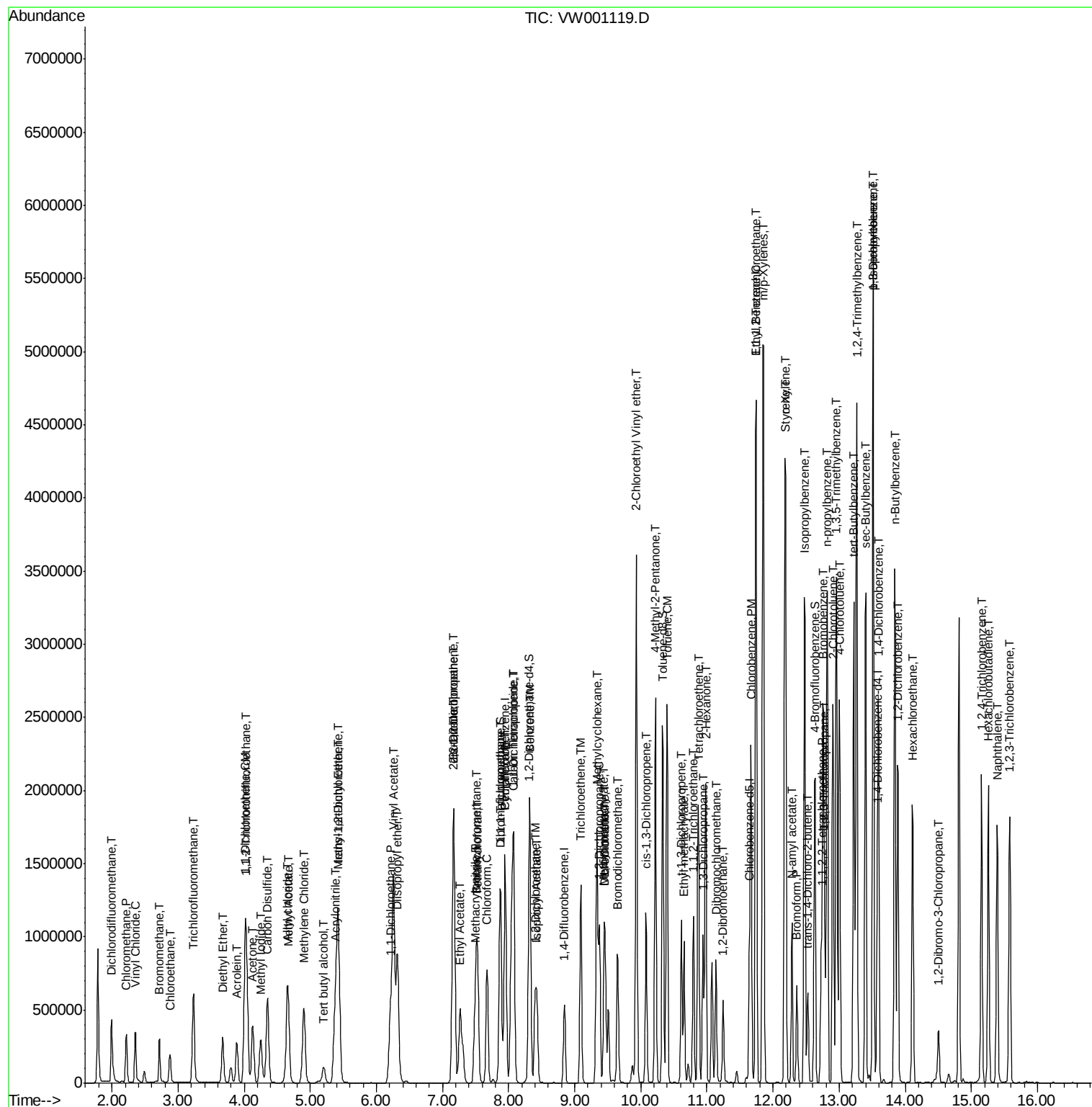
Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012918\
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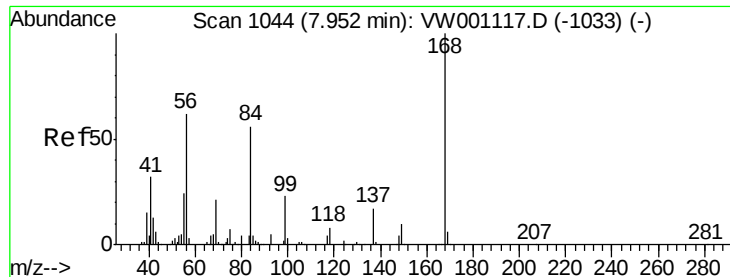
Instrument :
 MSVOA_W
 Client Sampled :
 VSTDIC150

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 332491

Ion Ratio Lower Upper

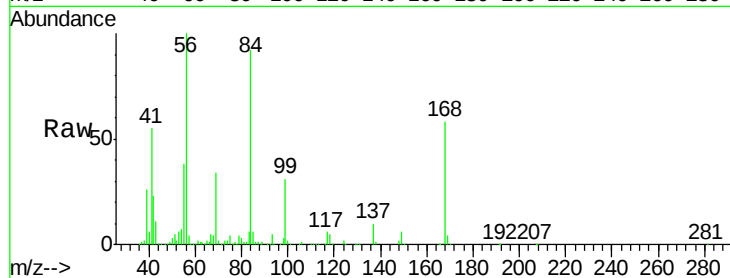
168 100

99 53.1 42.4 63.6

Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

200000

150000

100000

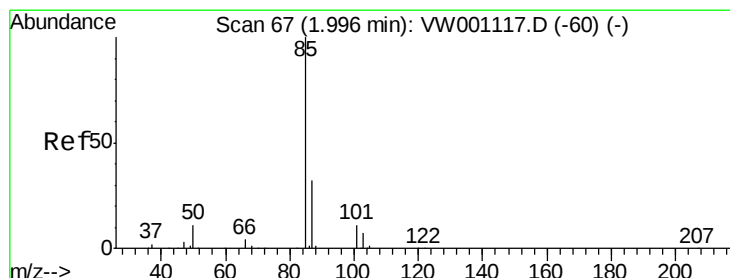
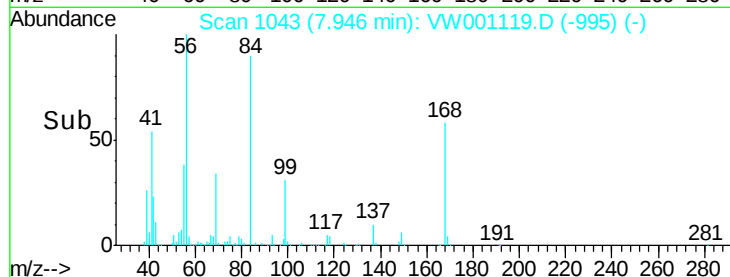
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 139.70 ug/l

RT: 2.00 min Scan# 67

Delta R.T. 0.00 min

Lab File: VW001119.D

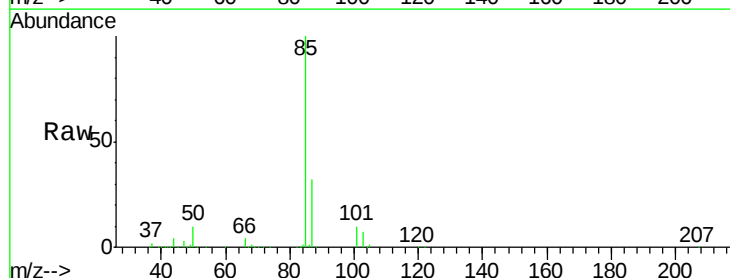
Acq: 29 Jan 2018 14:08

Tgt Ion: 85 Resp: 393625

Ion Ratio Lower Upper

85 100

87 31.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

250000

200000

150000

100000

50000

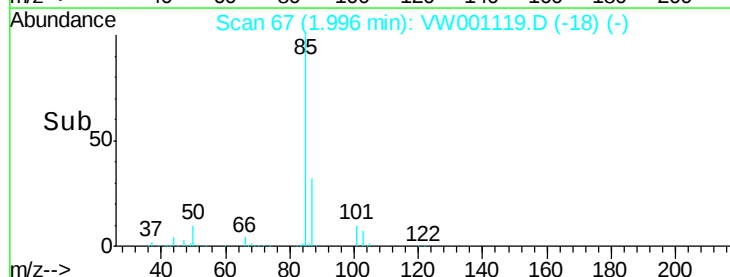
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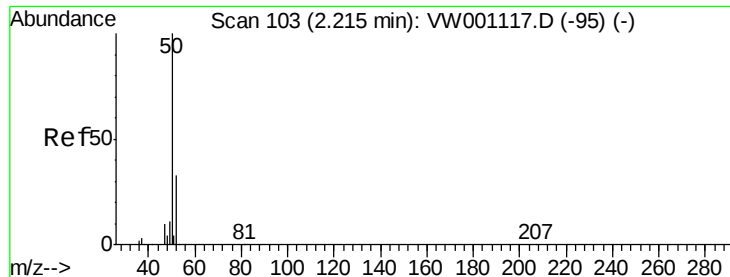
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 150.05 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Tot Ion: 50 Resp: 369321

Ion Ratio Lower Upper

50 100

52 32.4 26.2 39.4

Instrument :

MSVOA_W

ClientSampleId :

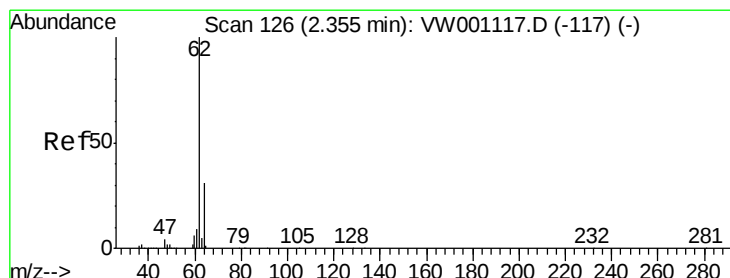
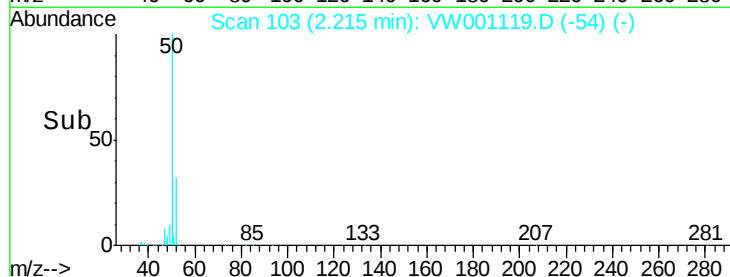
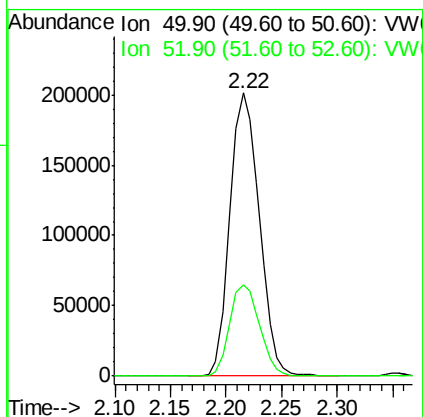
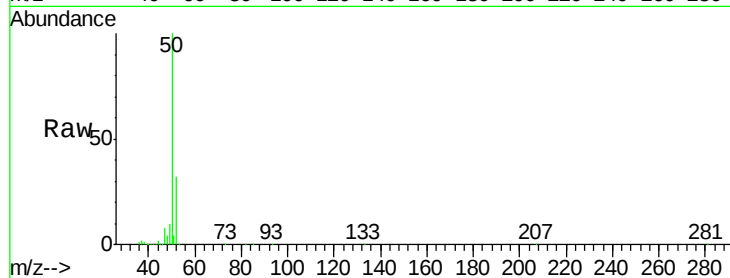
VSTDIC150

Manual Integrations

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#4

Vinyl Chloride

Concen: 137.28 ug/l

RT: 2.35 min Scan# 125

Delta R.T. -0.01 min

Lab File: VW001119.D

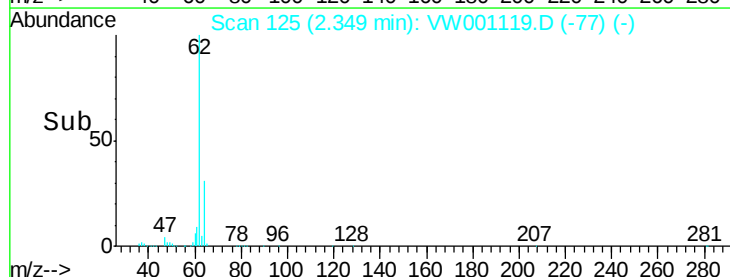
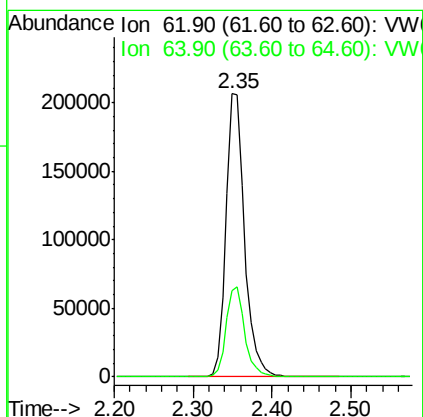
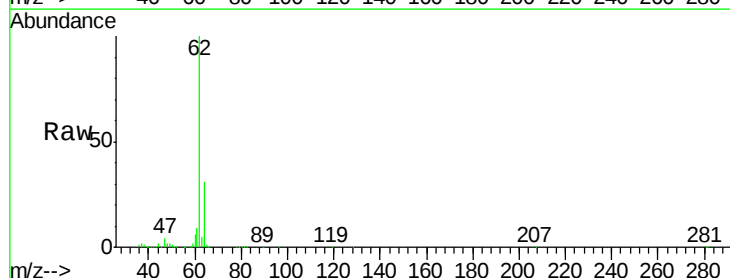
Acq: 29 Jan 2018 14:08

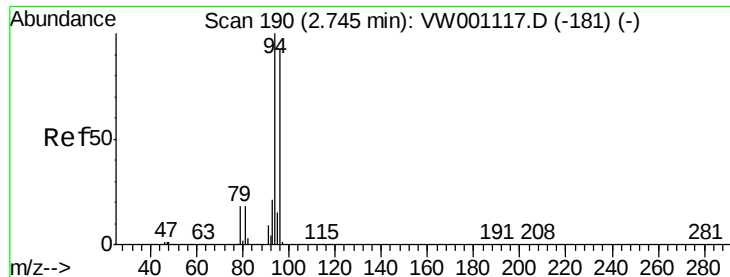
Tgt Ion: 62 Resp: 336392

Ion Ratio Lower Upper

62 100

64 30.6 25.2 37.8





#5

Bromomethane

Concen: 98.47 ug/l

RT: 2.72 min Scan# 186

Delta R.T. -0.02 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 135899

Ion Ratio Lower Upper

94 100

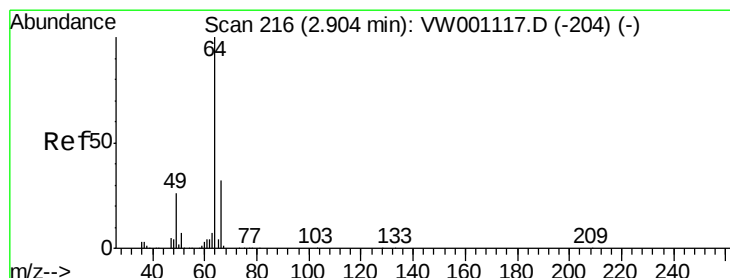
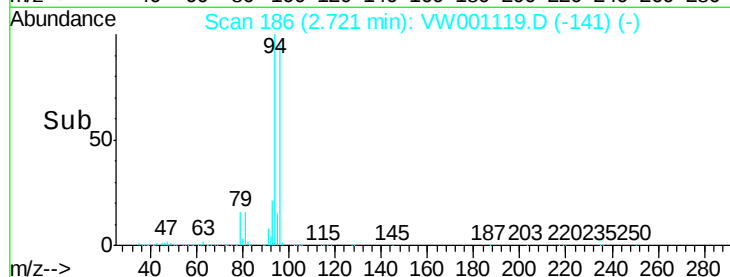
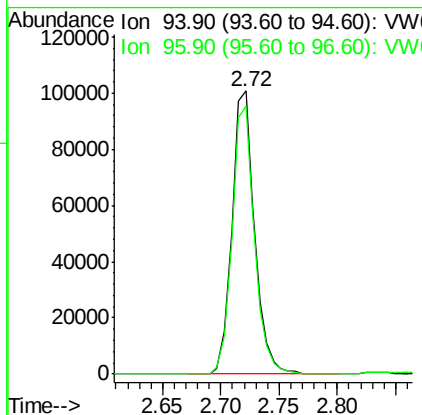
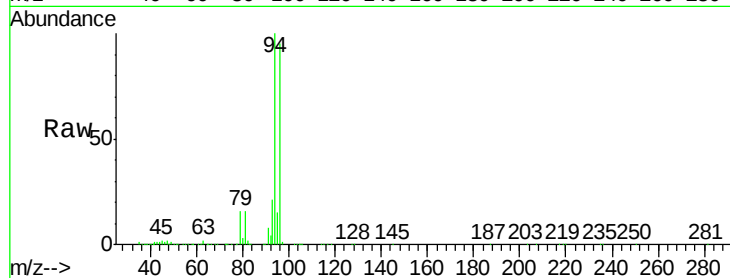
96 94.8 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 133.77 ug/l

RT: 2.88 min Scan# 212

Delta R.T. -0.02 min

Lab File: VW001119.D

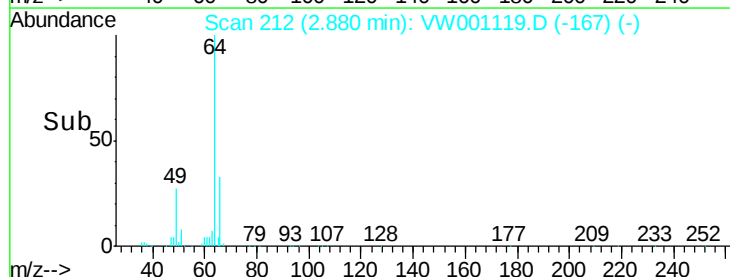
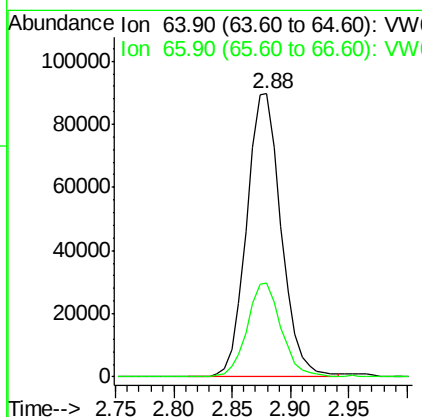
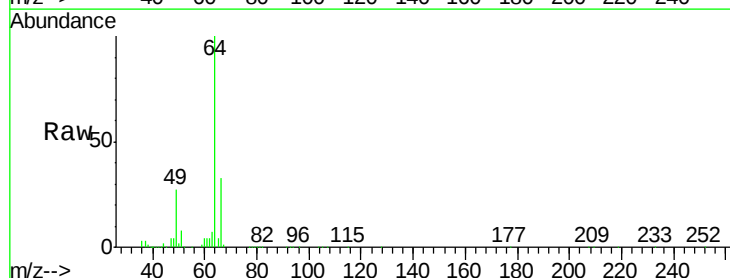
Acq: 29 Jan 2018 14:08

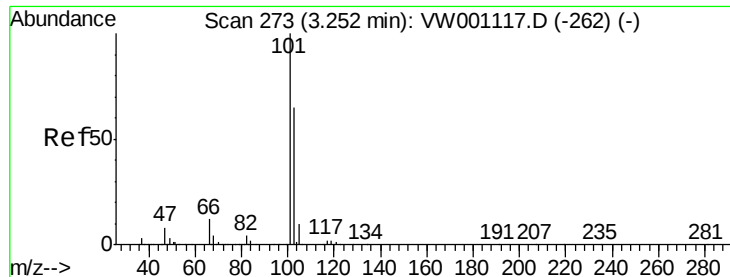
Tgt Ion: 64 Resp: 186017

Ion Ratio Lower Upper

64 100

66 33.3 25.8 38.8





#7

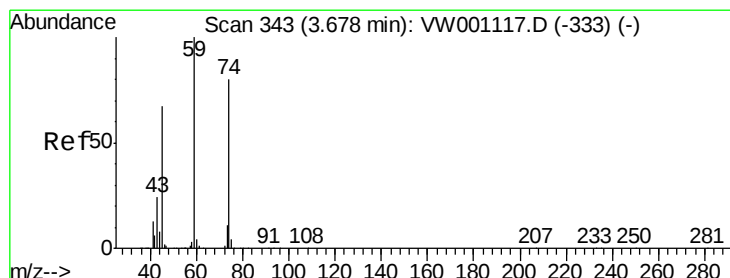
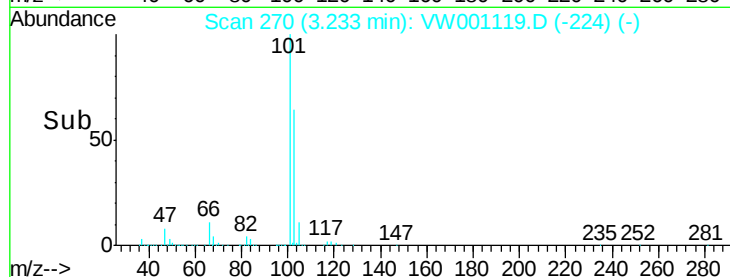
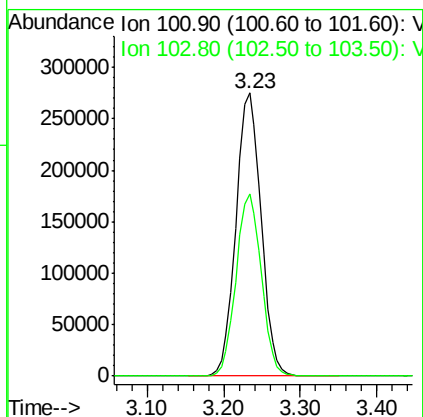
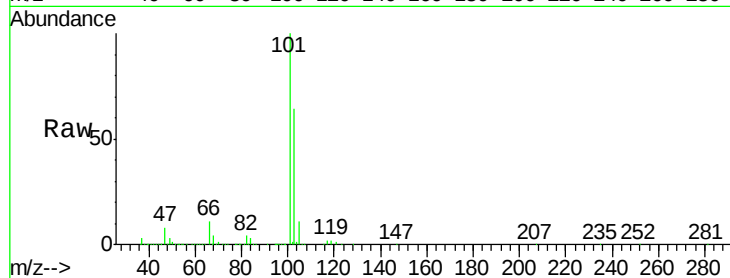
Trichlorofluoromethane
Concen: 137.64 ug/l
RT: 3.23 min Scan# 270
Delta R.T. -0.02 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.9	77.9

Manual Integrations
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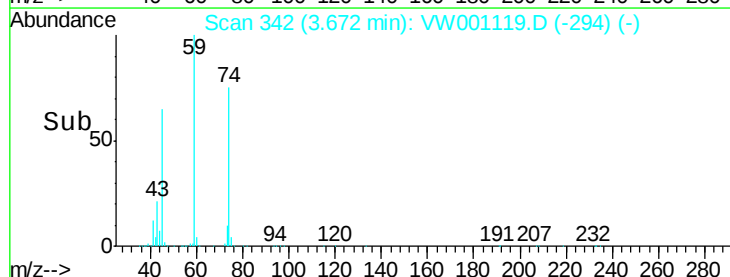
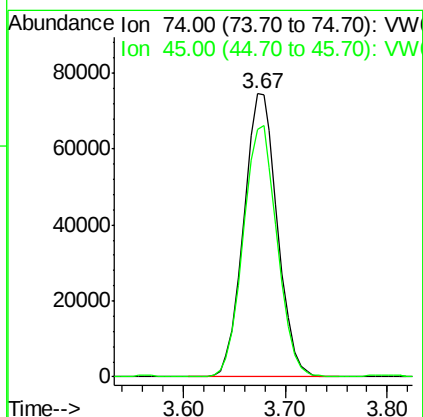
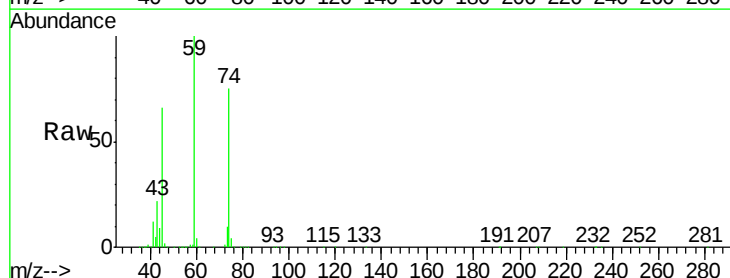
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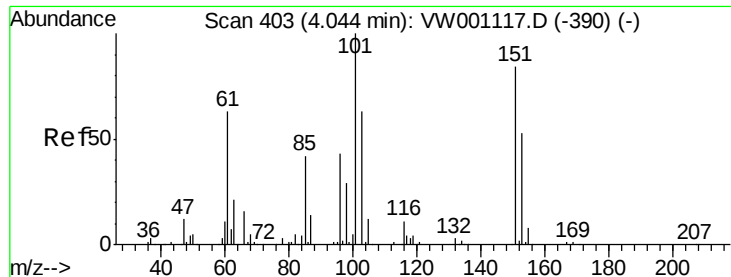


#8

Diethyl Ether
Concen: 144.40 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.01 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.0	46.7	140.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 144.02 ug/l

RT: 4.03 min Scan# 401

Delta R.T. -0.01 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

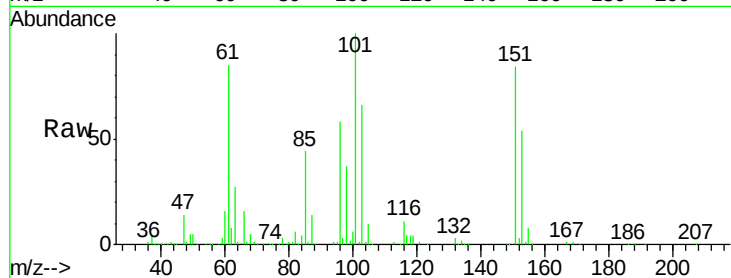
ClientSampleId :

VSTDIC150

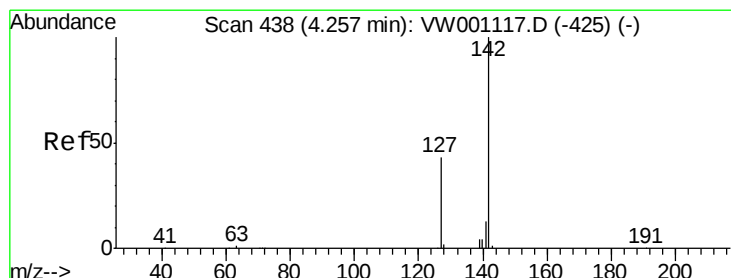
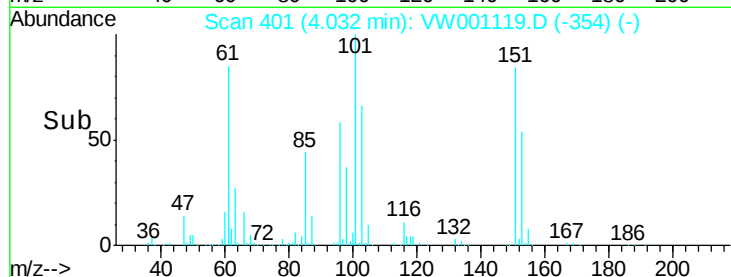
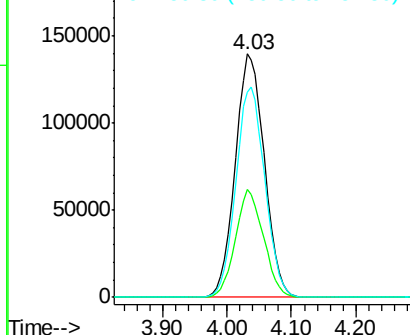
Tot Ion:	101	Resp:	436219
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.9	52.3
151	86.1	68.6	103.0

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 159.86 ug/l

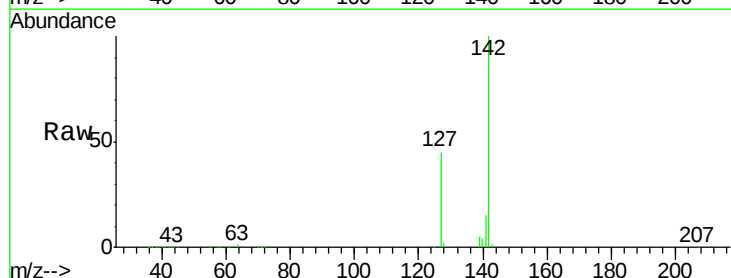
RT: 4.25 min Scan# 437

Delta R.T. -0.01 min

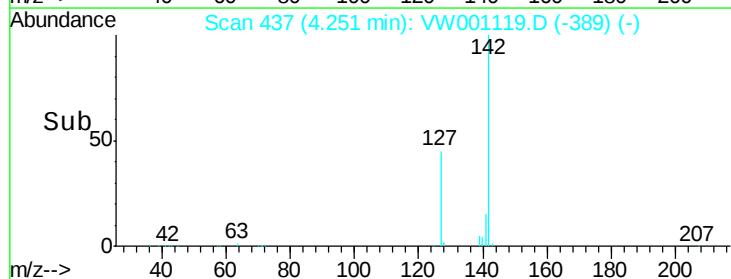
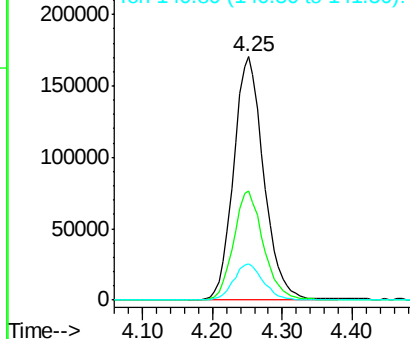
Lab File: VW001119.D

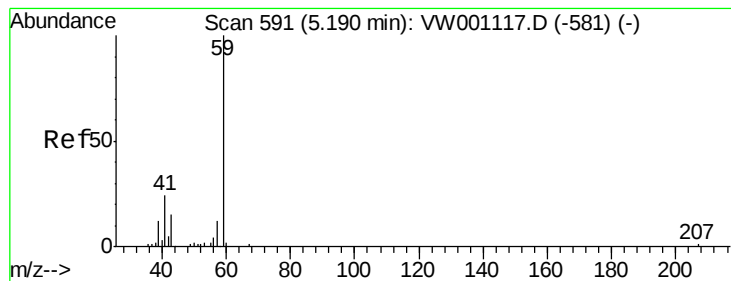
Acq: 29 Jan 2018 14:08

Tgt Ion:	142	Resp:	511302
Ion Ratio	Lower	Upper	
142	100		
127	44.4	35.4	53.2
141	14.7	11.6	17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

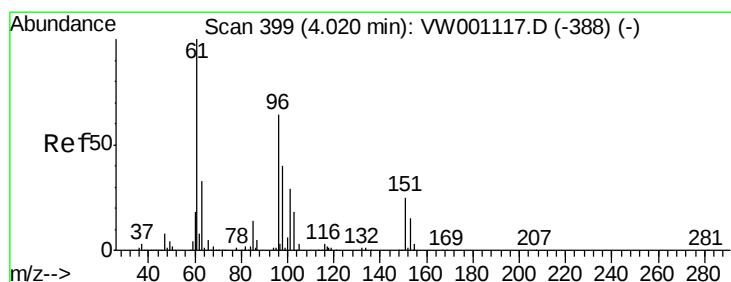
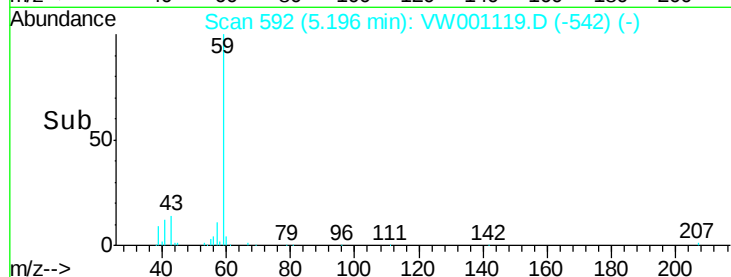
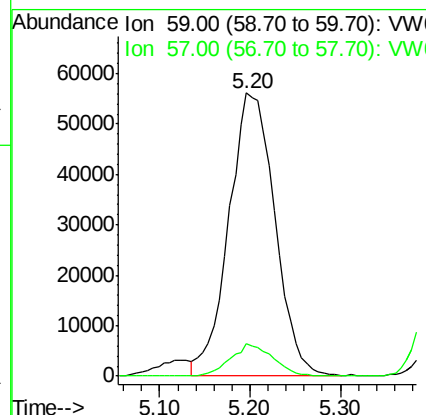
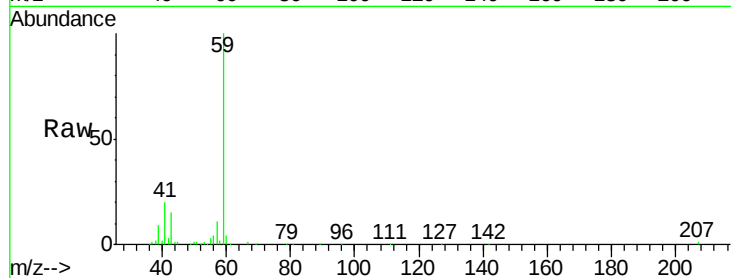
Tert butyl alcohol
Concen: 761.99 ug/l m
RT: 5.20 min Scan# 592
Delta R.T. 0.01 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	59	Resp	198675
Ion Ratio	100	Lower	Upper
57	10.5	7.8	11.8

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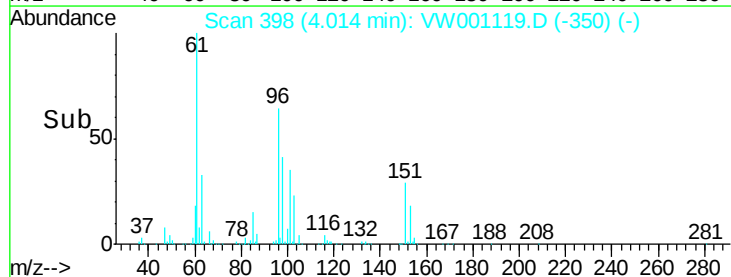
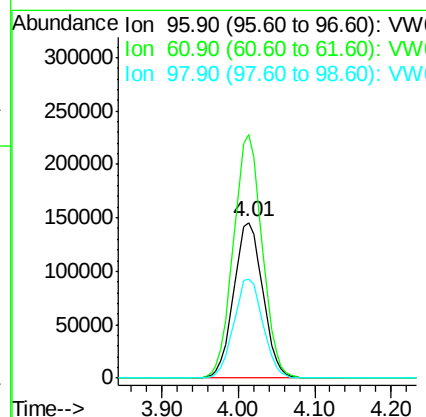
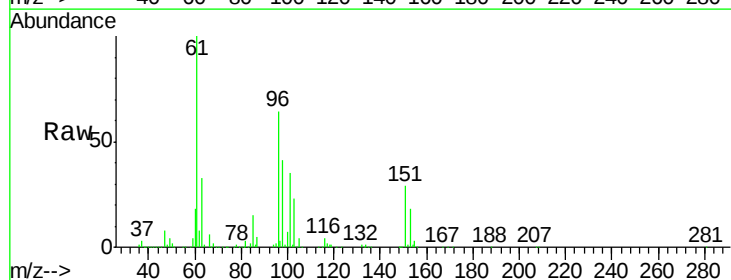
MMDadoda
1/30/2018 5:46:54 PM

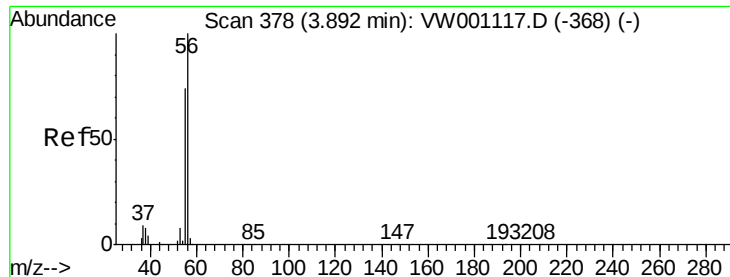


#12

1,1-Dichloroethene
Concen: 145.53 ug/l
RT: 4.01 min Scan# 398
Delta R.T. -0.01 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tgt Ion	96	Resp	385081
Ion Ratio	100	Lower	Upper
61	156.4	125.2	187.8
98	63.8	50.3	75.5





#13

Acrolein

Concen: 742.46 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.01 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 309696

Ion Ratio Lower Upper

56 100

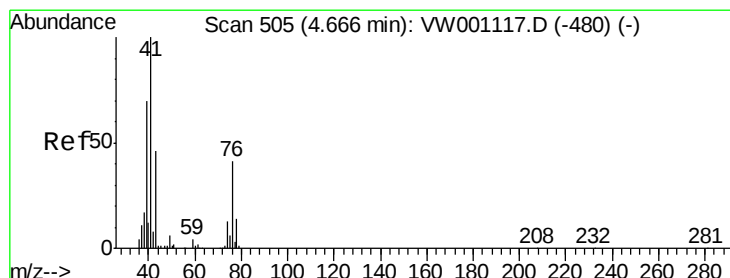
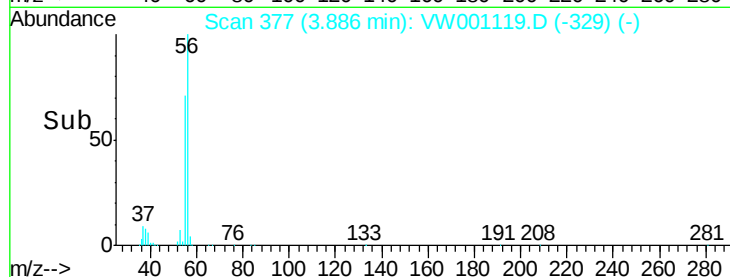
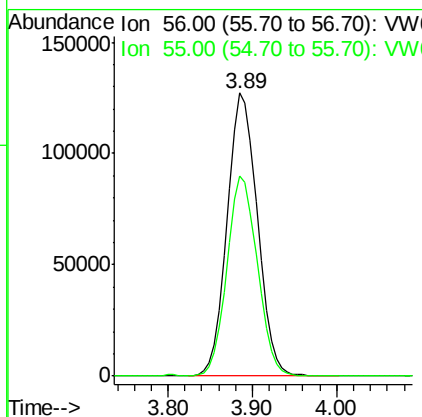
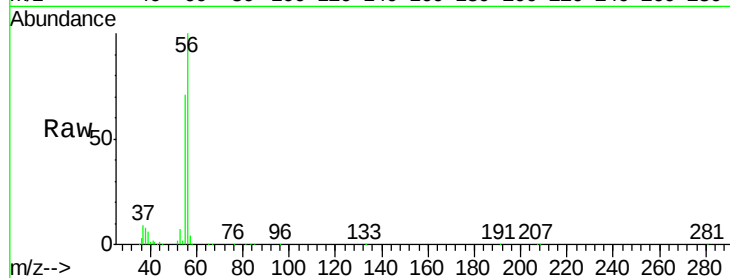
55 70.8 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 150.65 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.01 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

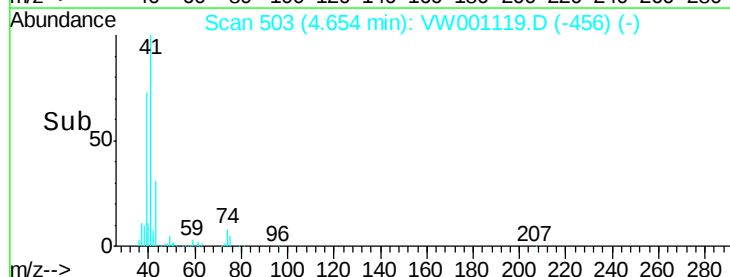
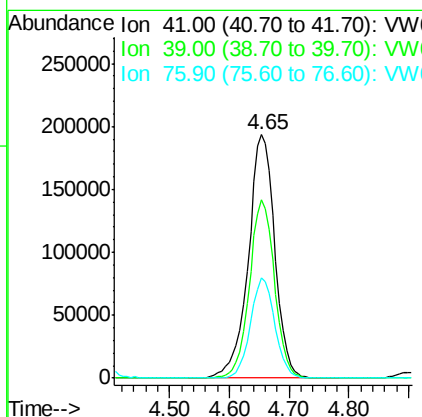
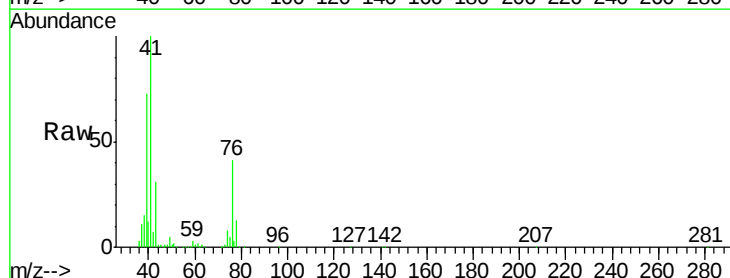
Tgt Ion: 41 Resp: 595594

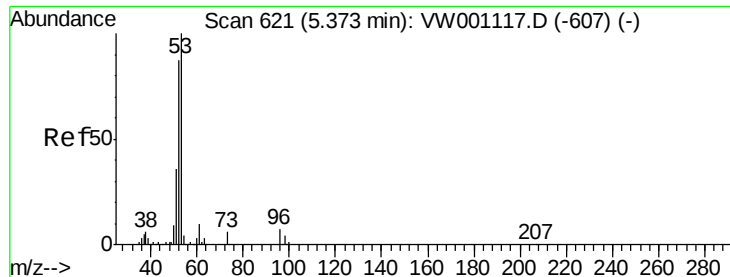
Ion Ratio Lower Upper

41 100

39 69.5 55.9 83.9

76 38.1 31.0 46.6





#15

Acrylonitrile

Concen: 731.89 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

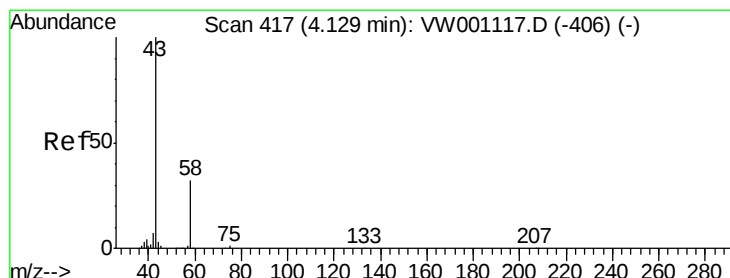
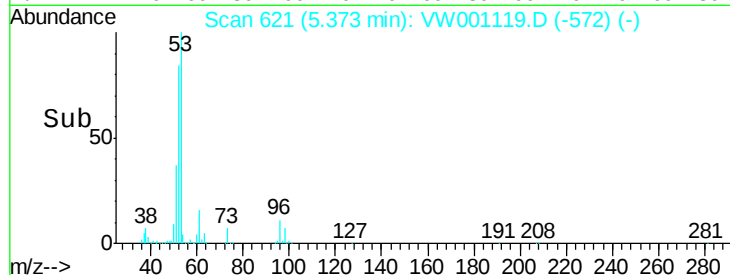
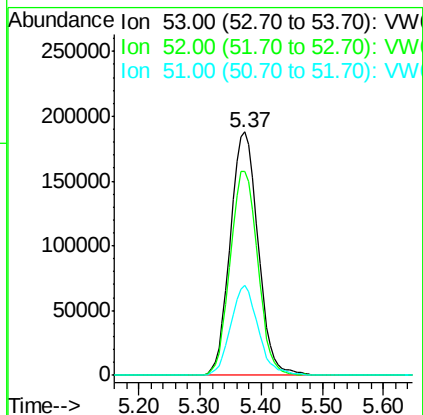
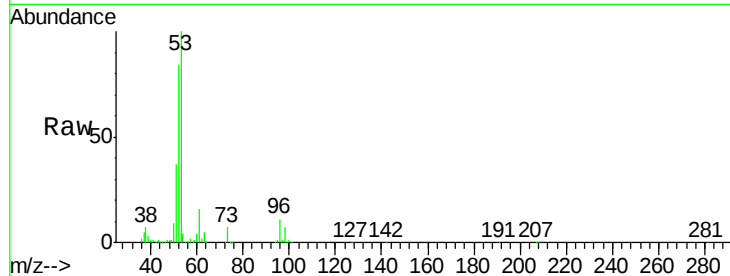
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	588755
Ion Ratio		Lower	Upper
53	100		
52	83.0	66.9	100.3
51	36.6	29.5	44.3

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#16

Acetone

Concen: 750.32 ug/l

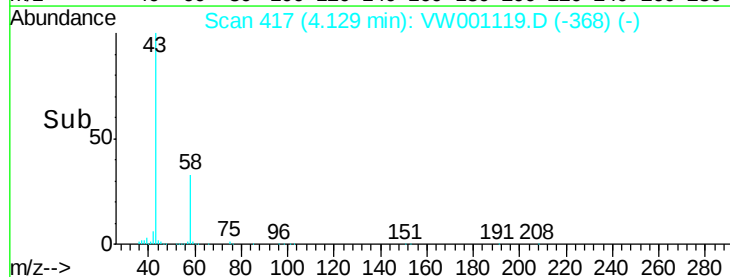
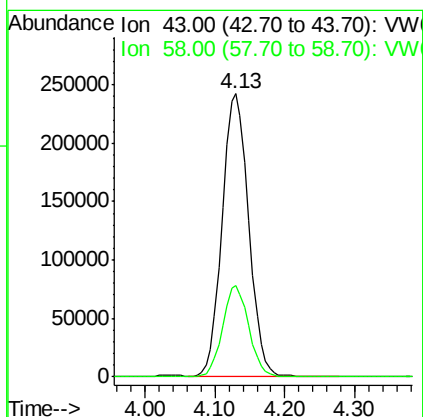
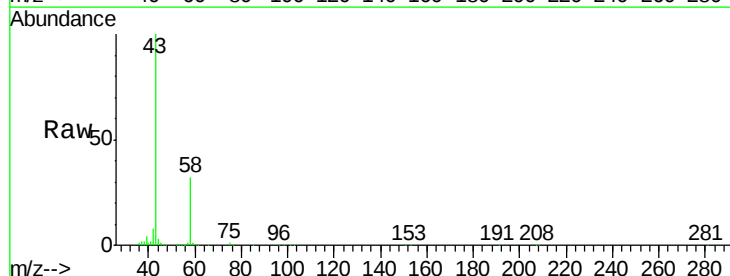
RT: 4.13 min Scan# 417

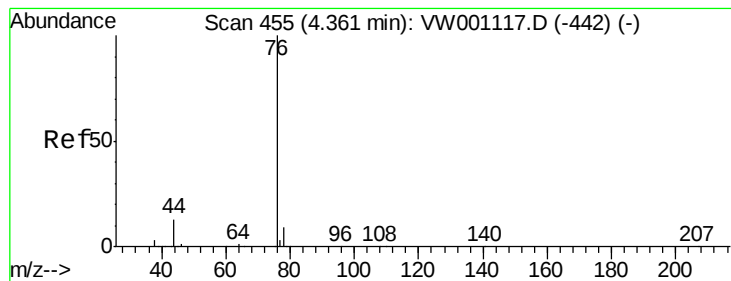
Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Tgt Ion:	43	Resp:	637710
Ion Ratio		Lower	Upper
43	100		
58	32.4	25.7	38.5





#17

Carbon Disulfide

Concen: 146.04 ug/l

RT: 4.36 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 1200235

Ion Ratio Lower Upper

76 100

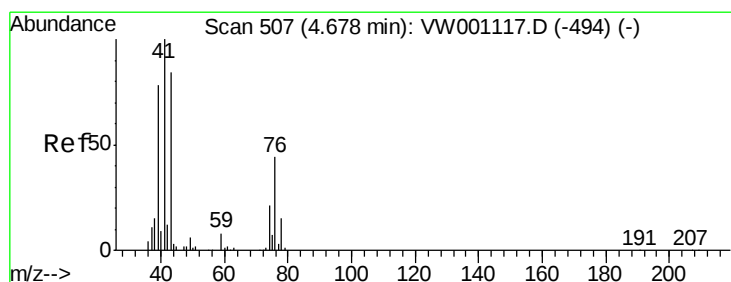
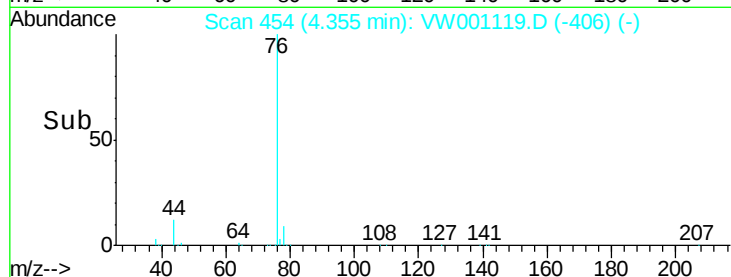
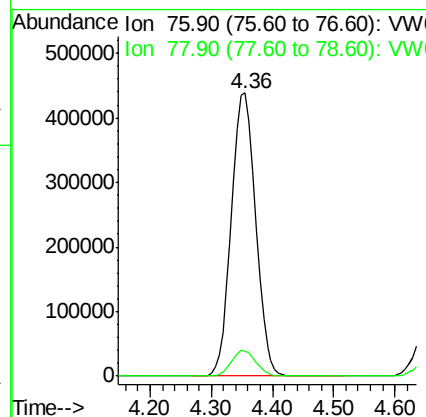
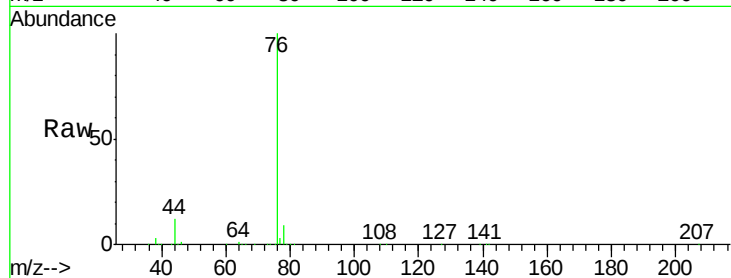
78 8.9 7.1 10.7

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#18

Methyl Acetate

Concen: 147.06 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW001119.D

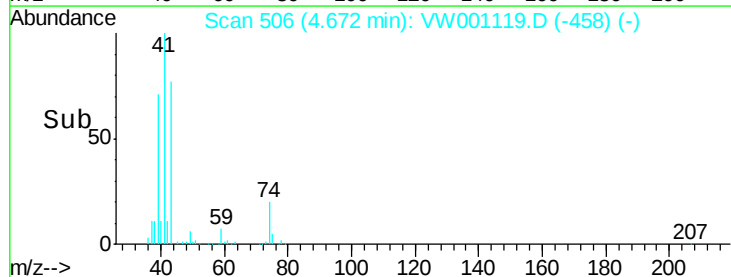
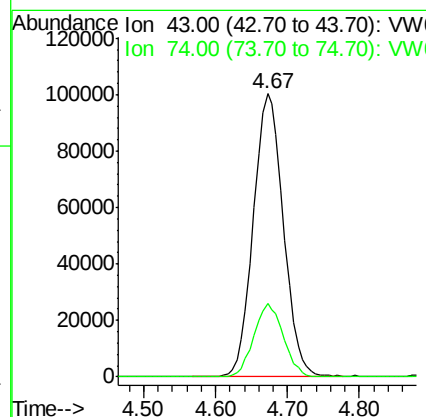
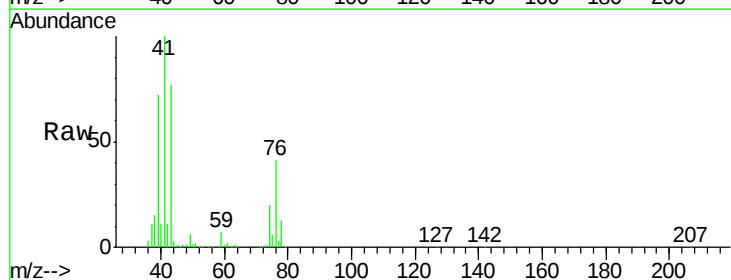
Acq: 29 Jan 2018 14:08

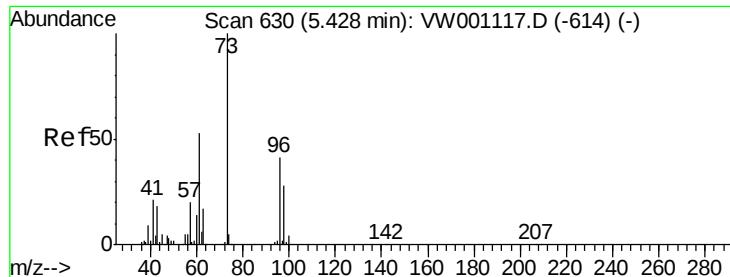
Tgt Ion: 43 Resp: 291052

Ion Ratio Lower Upper

43 100

74 25.6 20.2 30.2





#19

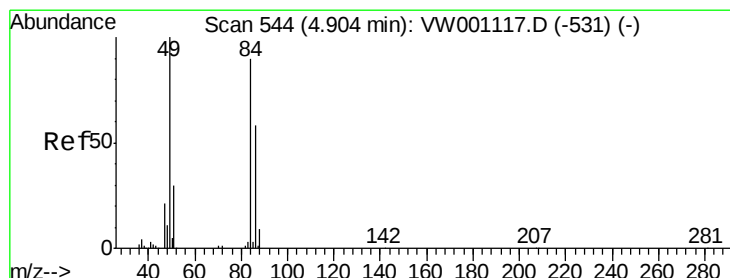
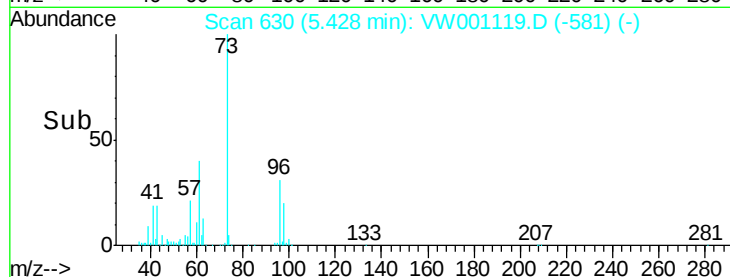
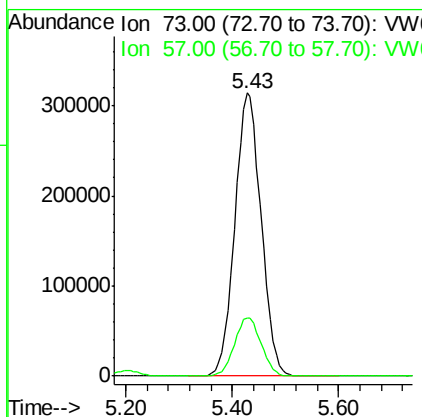
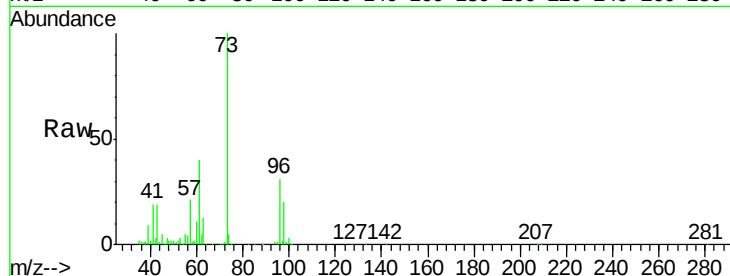
Methyl tert-butyl Ether
 Concen: 156.56 ug/l
 RT: 5.43 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion: 73 Resp: 1072182
 Ion Ratio Lower Upper
 73 100
 57 20.6 16.1 24.1

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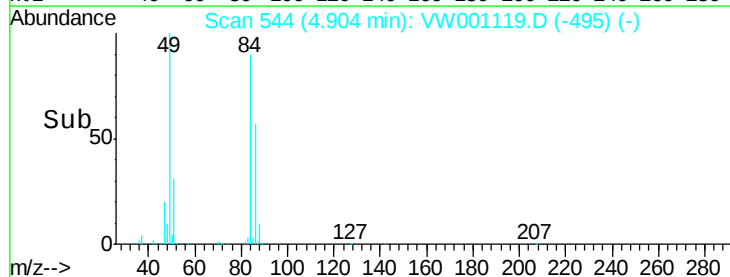
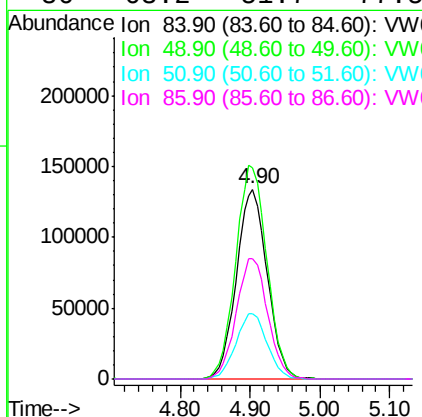
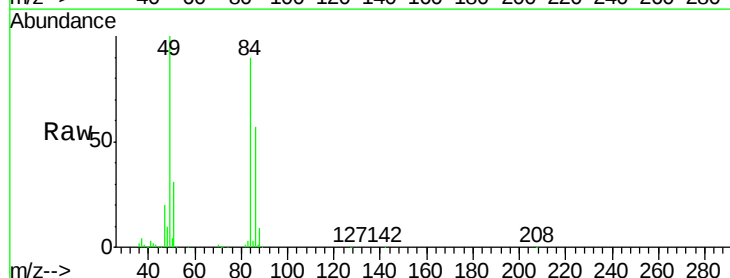
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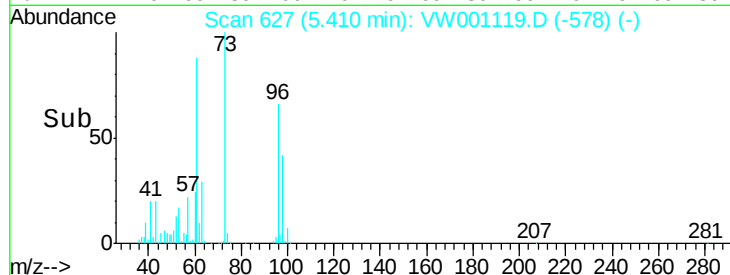
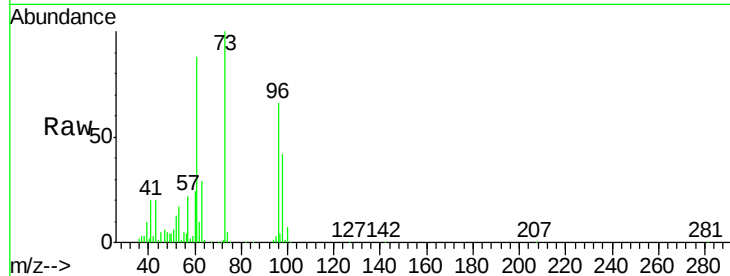
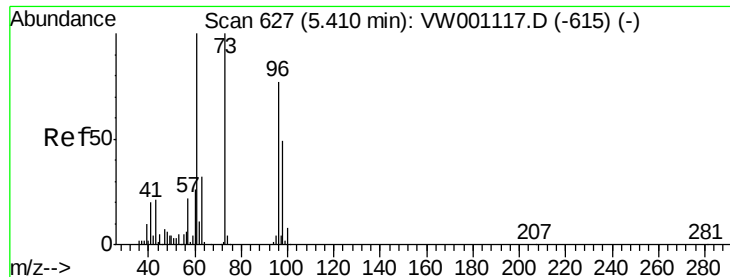


#20

Methylene Chloride
 Concen: 150.48 ug/l
 RT: 4.90 min Scan# 544
 Delta R.T. 0.00 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

Tgt Ion: 84 Resp: 409070
 Ion Ratio Lower Upper
 84 100
 49 111.2 89.2 133.8
 51 34.5 26.7 40.1
 86 63.2 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 142.03 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Tot Ion:	96	Resp:	419750
Ion	Ratio	Lower	Upper
96	100		
61	133.1	104.6	156.8
98	63.5	50.8	76.2

Instrument :

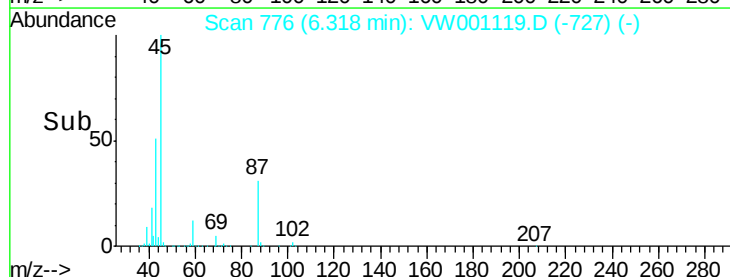
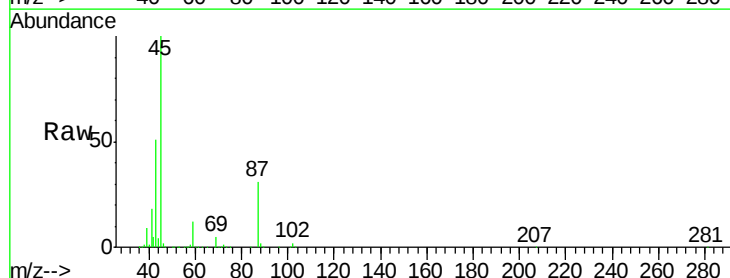
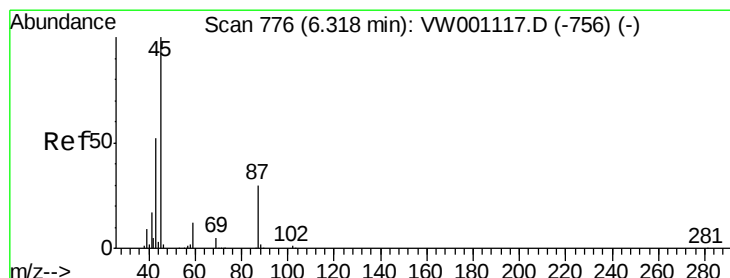
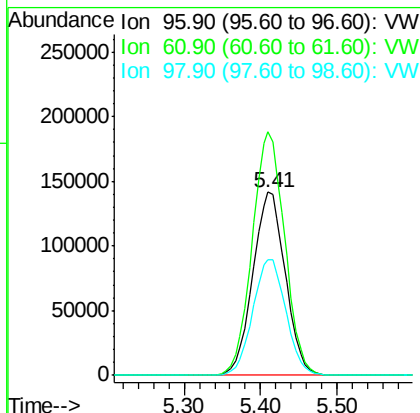
MSVOA_W

ClientSampleId :

VSTDIC150

Manual Integrations
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#22

Diisopropyl ether

Concen: 147.55 ug/l

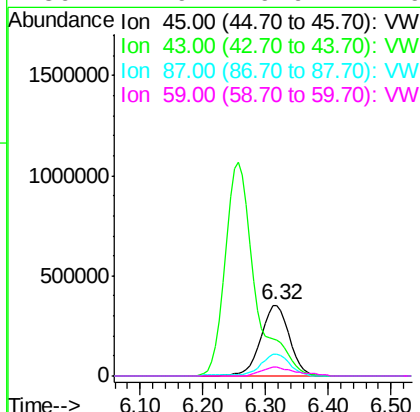
RT: 6.32 min Scan# 776

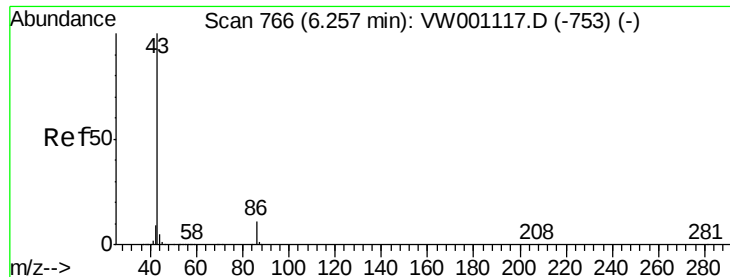
Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Tgt Ion:	45	Resp:	1117588
Ion	Ratio	Lower	Upper
45	100		
43	51.4	41.6	62.4
87	31.0	24.5	36.7
59	11.9	9.9	14.9





#23

Vinyl Acetate

Concen: 776.13 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 43 Resp: 3522064

Ion Ratio Lower Upper

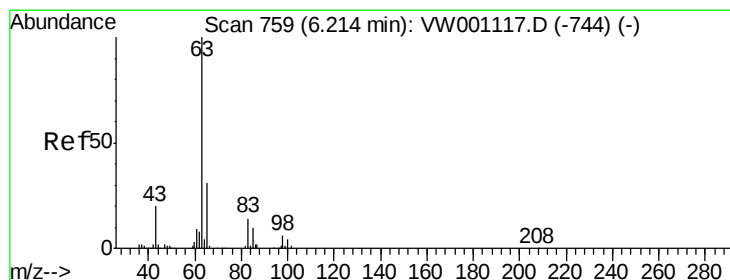
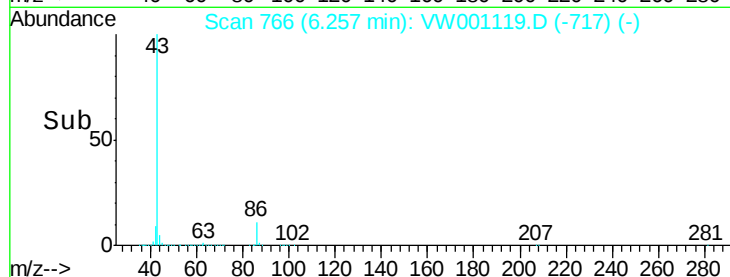
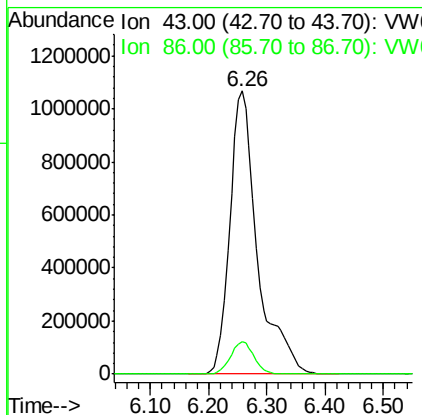
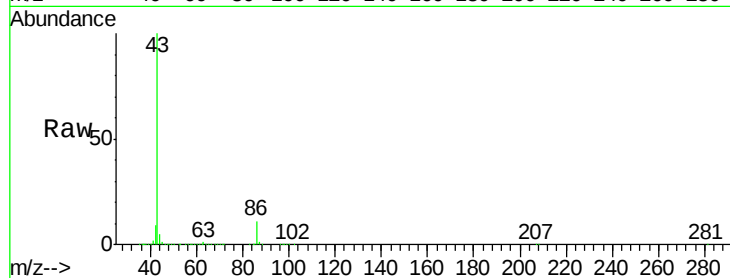
43 100

86 11.4 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 142.67 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

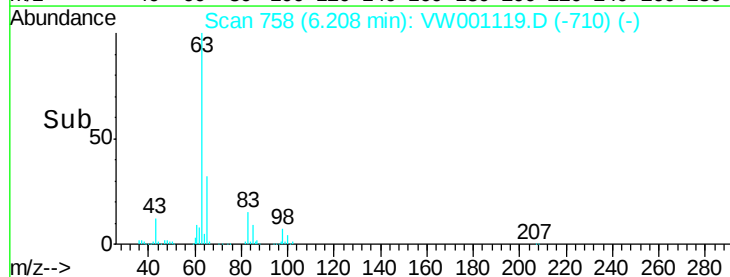
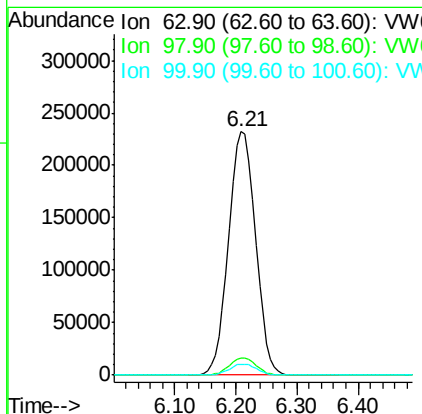
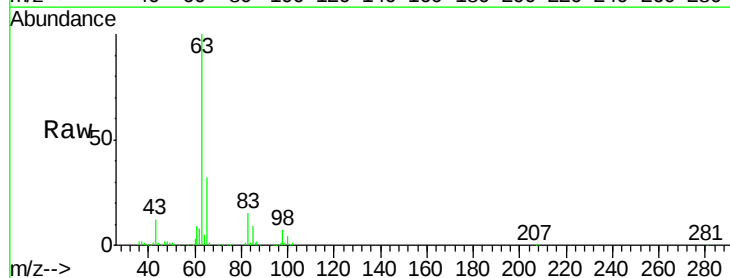
Tgt Ion: 63 Resp: 705157

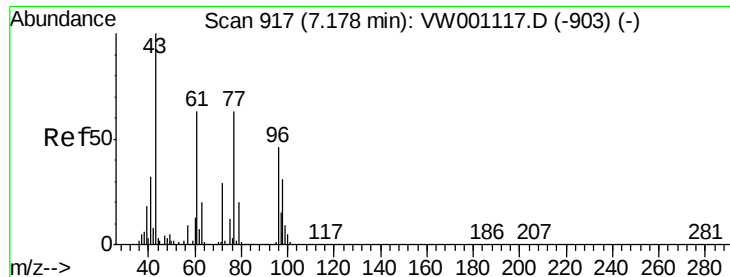
Ion Ratio Lower Upper

63 100

98 7.2 3.0 9.2

100 4.4 2.1 6.3





#25

2-Butanone

Concen: 752.62 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Tot Ion: 43 Resp: 839632

Ion Ratio Lower Upper

43 100

72 27.7 22.8 34.2

Instrument :

MSVOA_W

ClientSampleId :

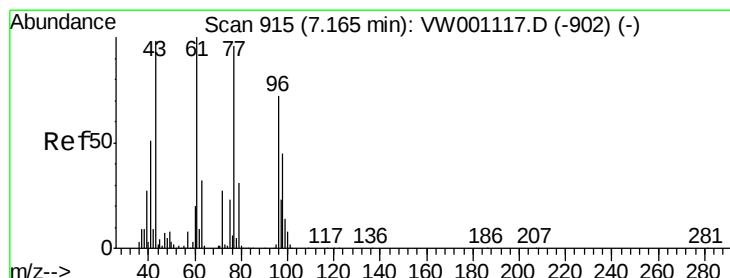
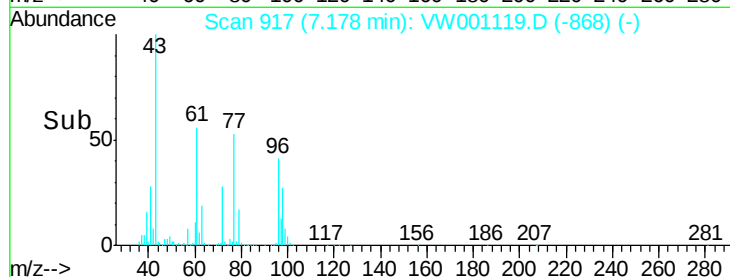
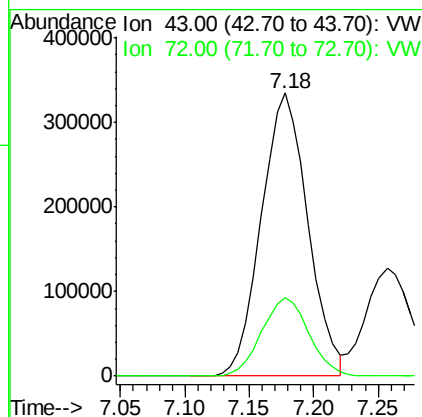
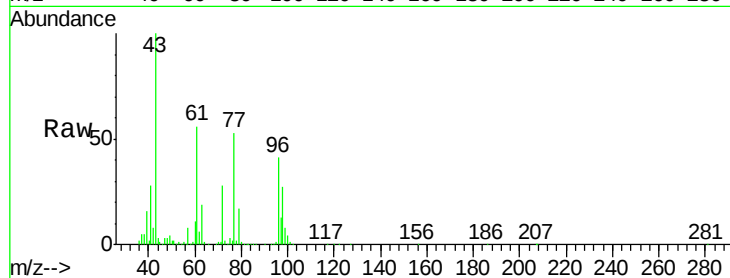
VSTDIC150

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 139.67 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW001119.D

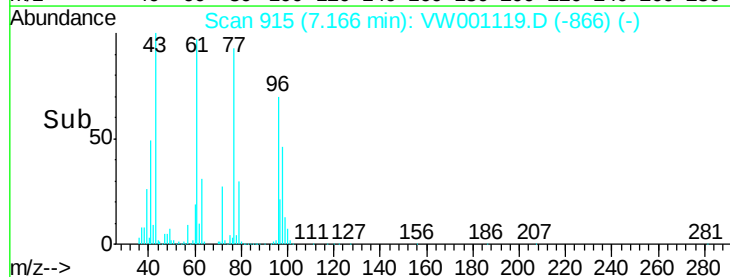
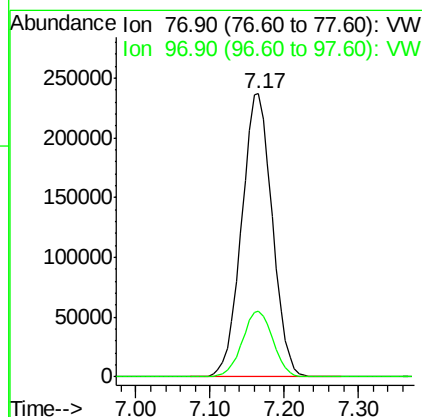
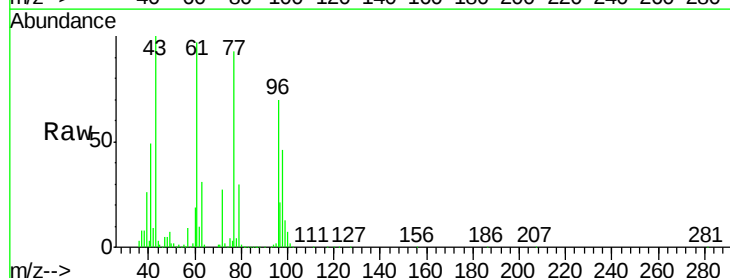
Acq: 29 Jan 2018 14:08

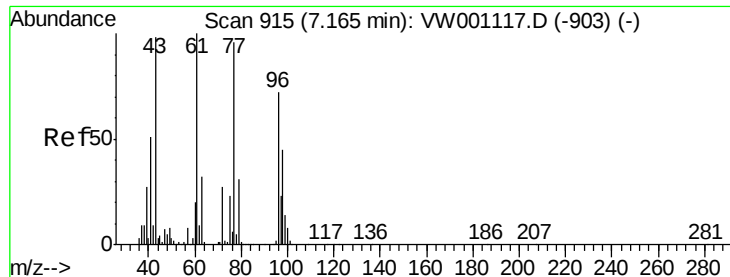
Tgt Ion: 77 Resp: 682837

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.7





#27

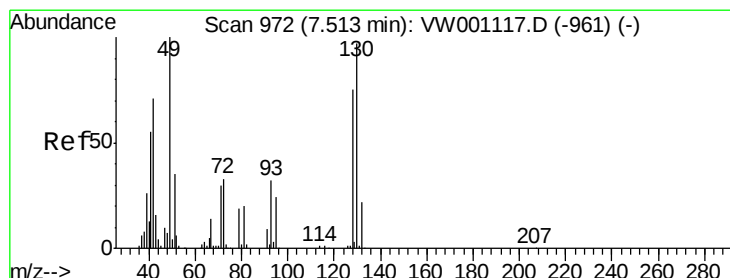
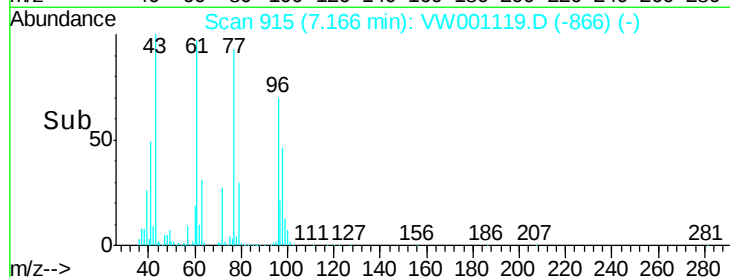
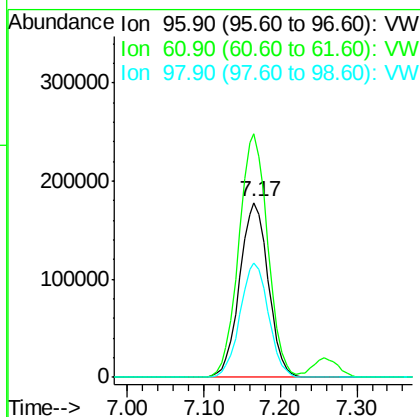
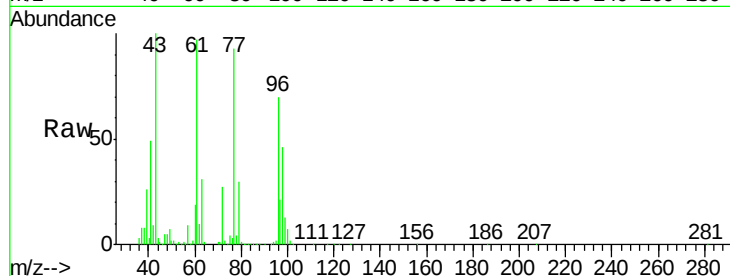
cis-1,2-Dichloroethene
 Concen: 146.74 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		462564		
61	140.6	0.0	280.4		
98	65.0	0.0	129.6		

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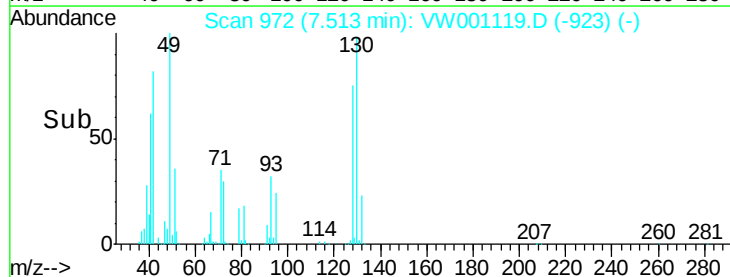
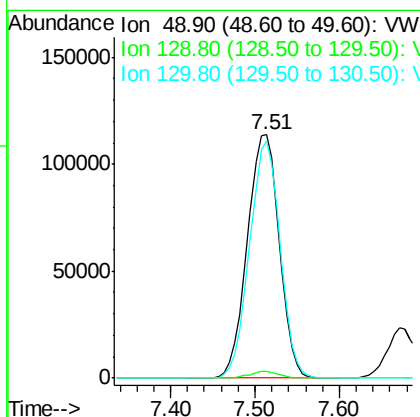
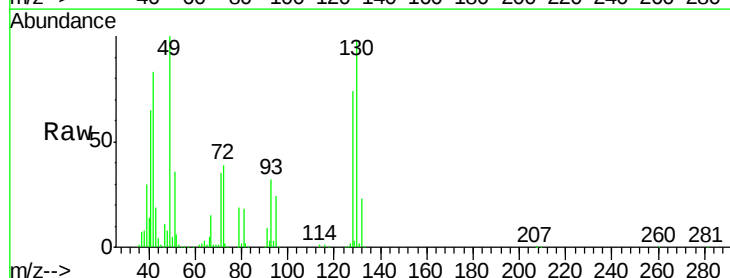
MM Dadoda
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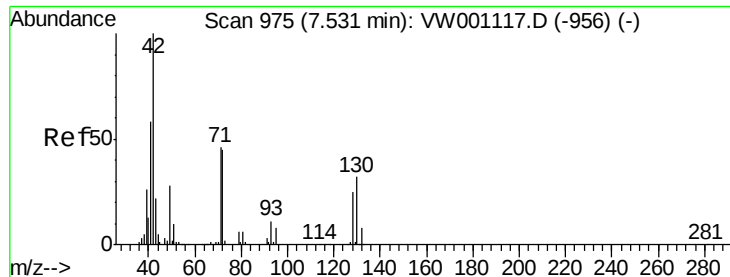


#28

Bromochloromethane
 Concen: 145.51 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100		292316		
129	2.6	0.0	2.6		
130	93.5	75.5	113.3		





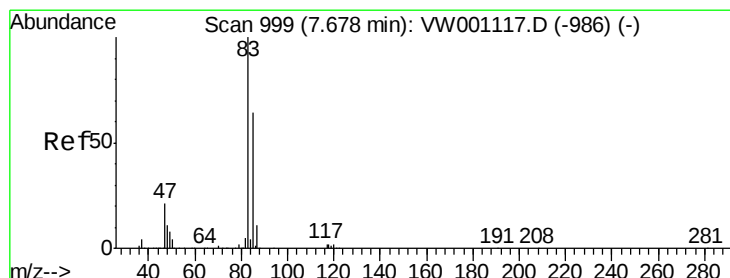
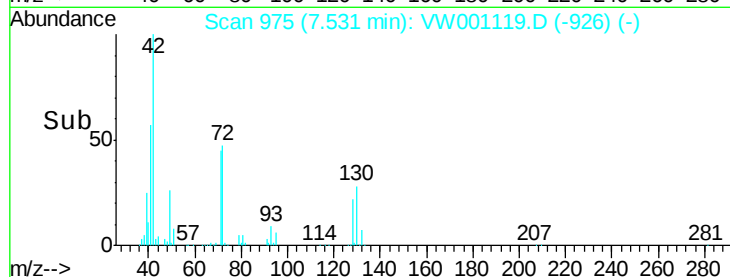
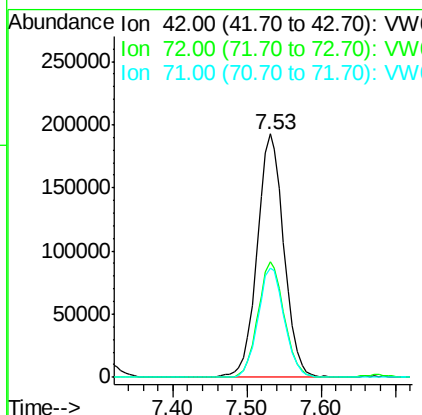
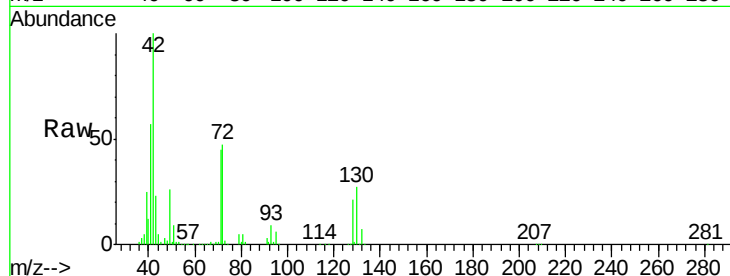
#29
Tetrahydrofuran
Concen: 755.07 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.8	36.8	55.2
71	44.4	35.1	52.7

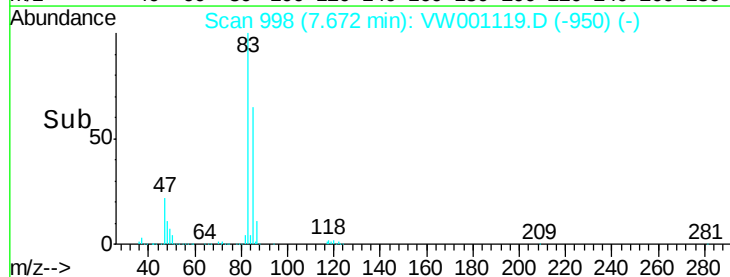
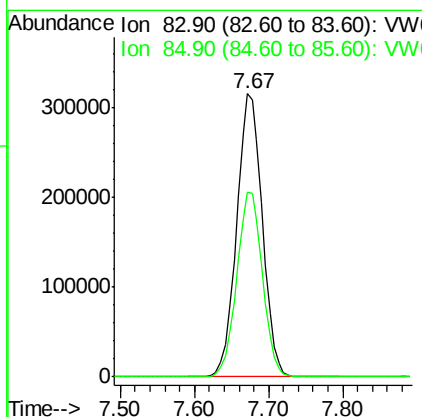
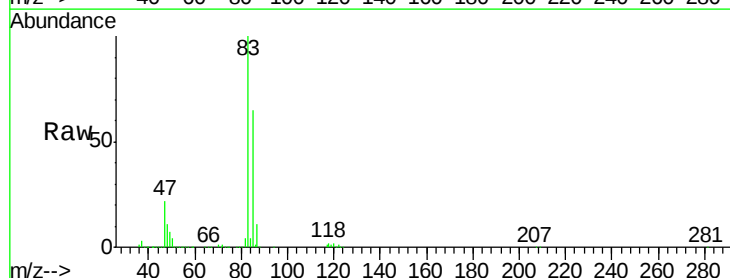
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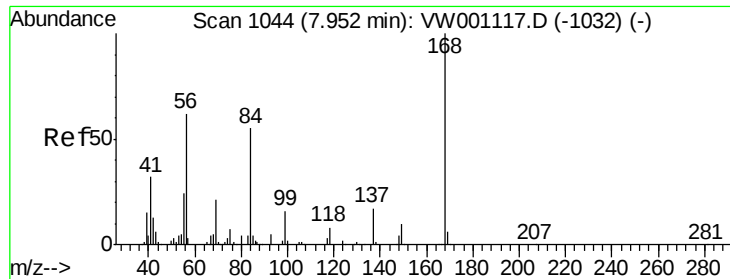
MMDadoda
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#30
Chloroform
Concen: 141.89 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.4	77.2





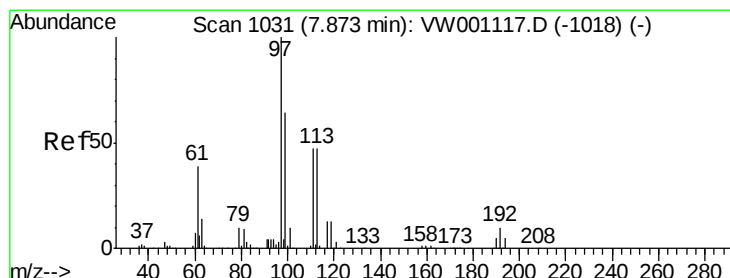
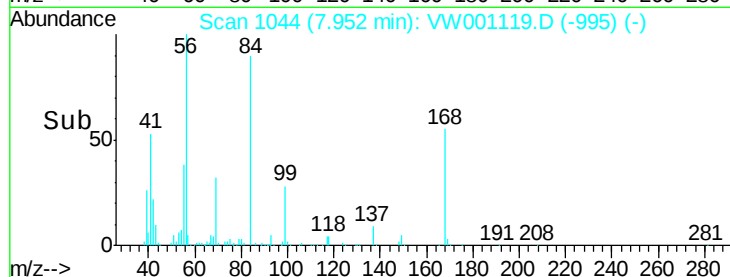
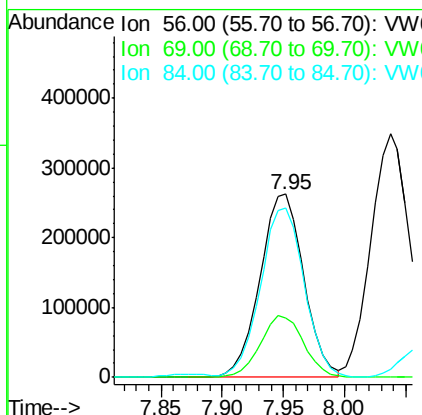
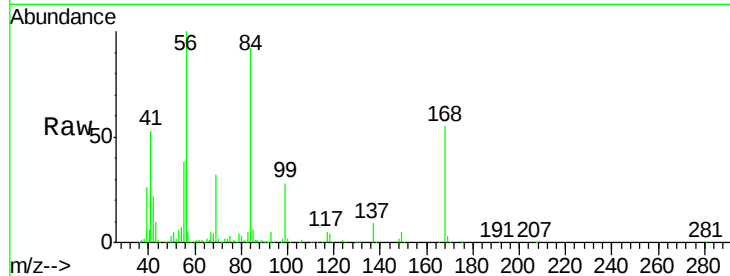
#31
Cvclohexane
Concen: 136.55 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.4	27.4	41.0
84	90.4	71.1	106.7

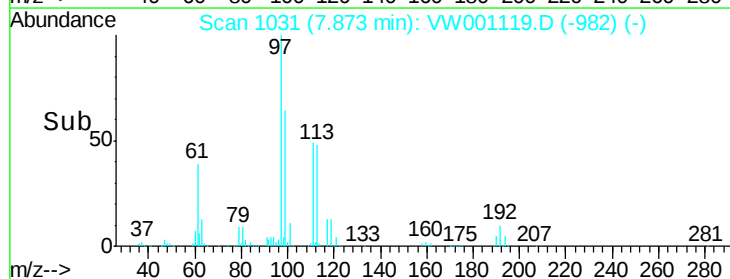
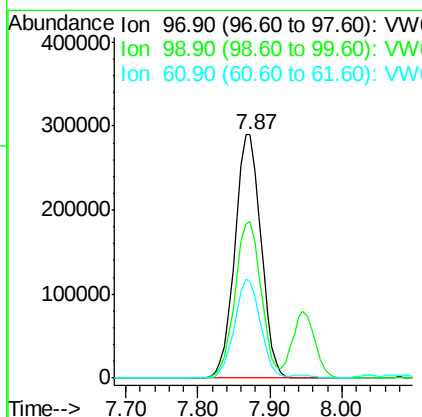
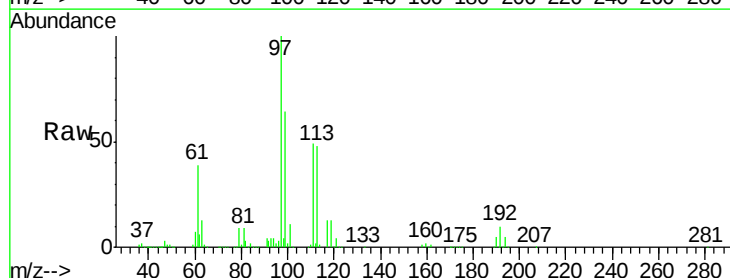
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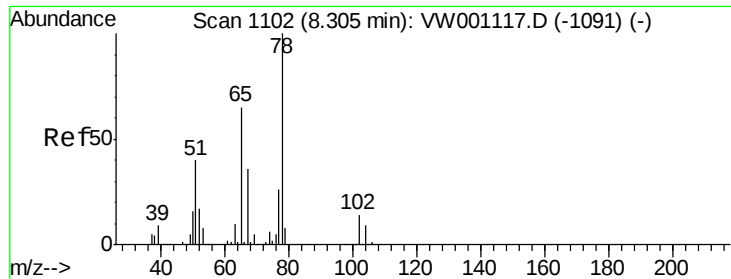
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 144.20 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.2
61	40.1	32.4	48.6





#33

1,2-Dichloroethane-d4

Concen: 144.29 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 65 Resp: 466396

Ion Ratio Lower Upper

65 100

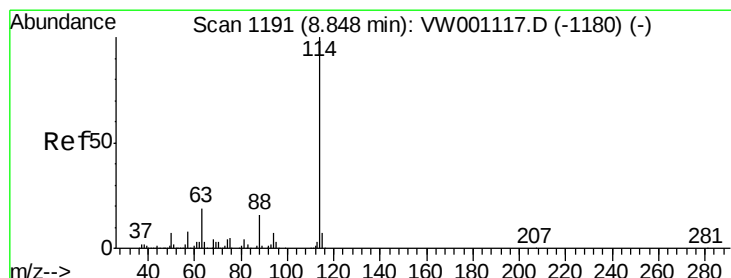
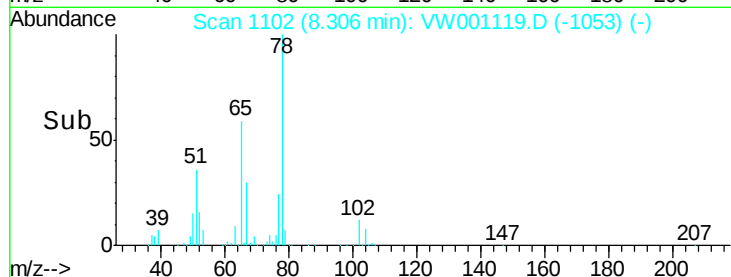
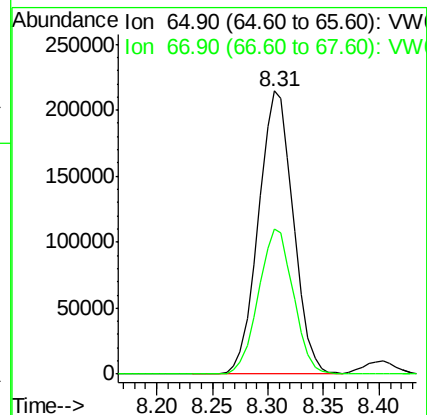
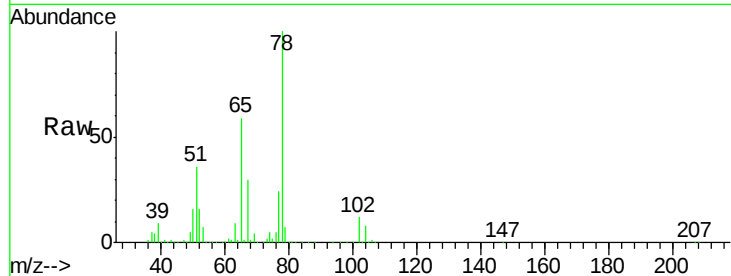
67 51.3 0.0 104.2

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

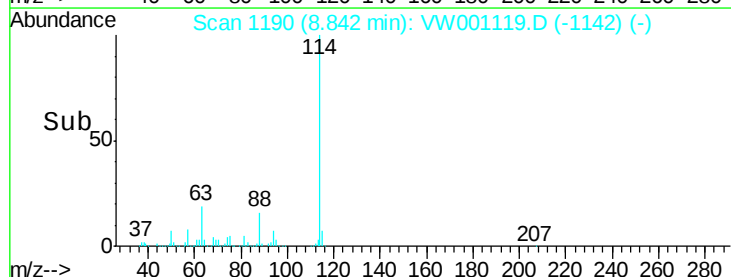
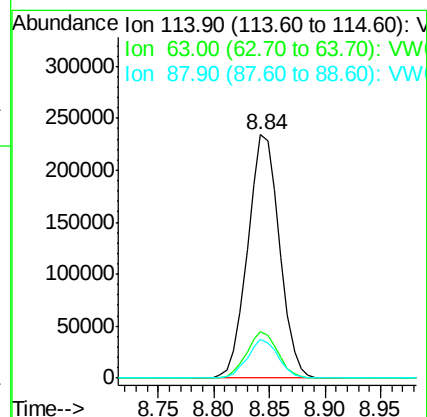
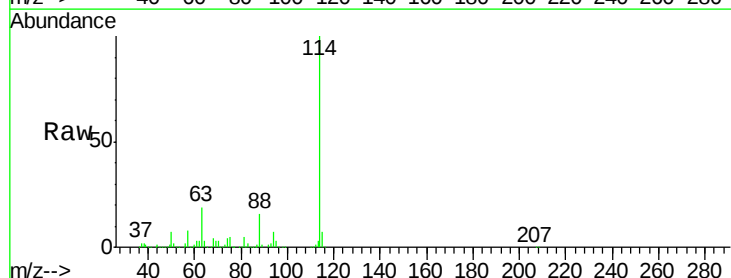
Tgt Ion: 114 Resp: 464240

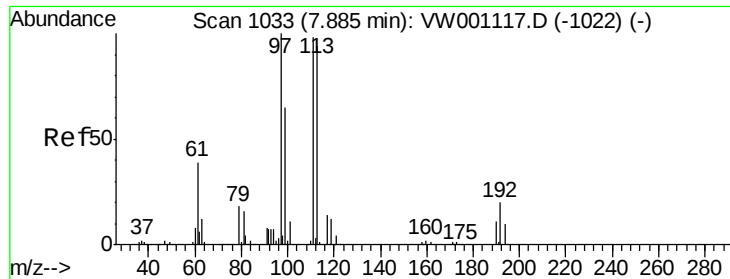
Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.2

88 15.9 0.0 31.0





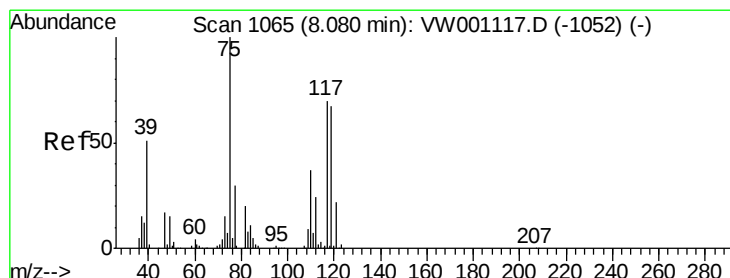
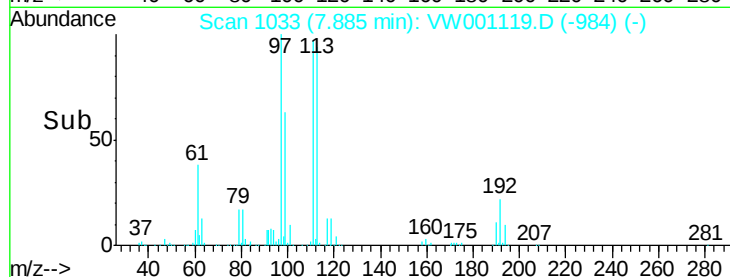
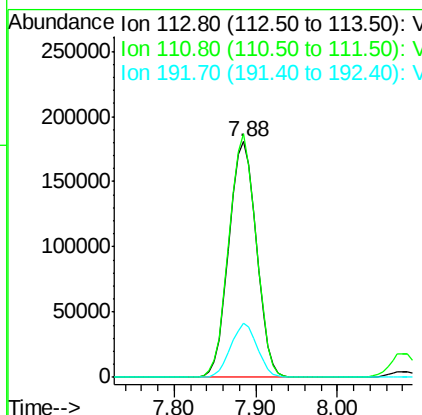
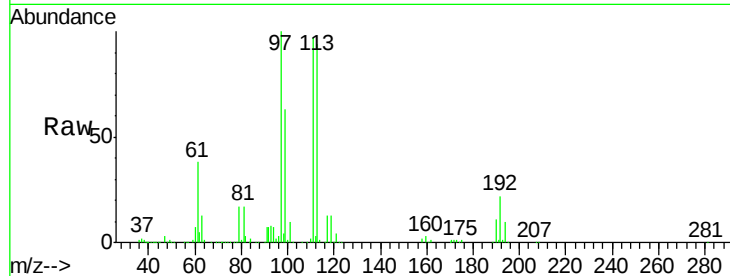
#35
Dibromofluoromethane
Concen: 142.01 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.1	124.7
192	22.0	17.8	26.6

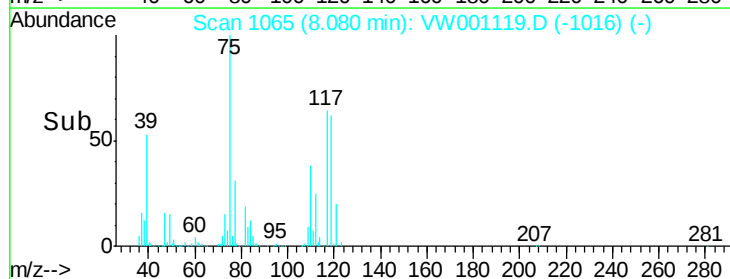
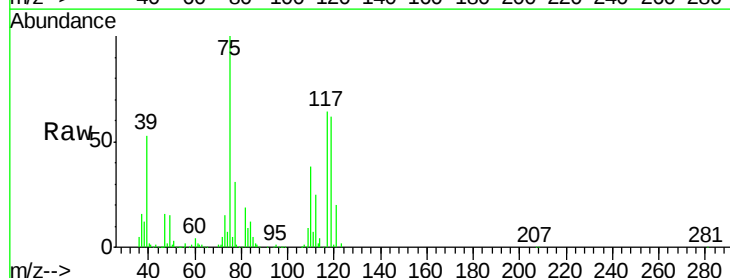
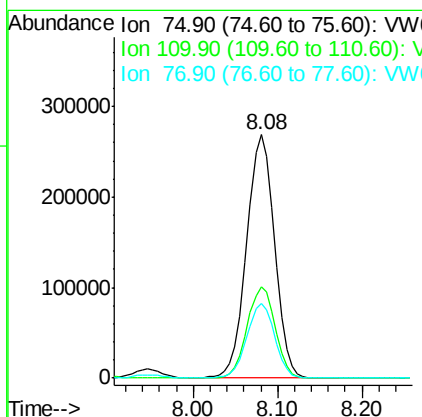
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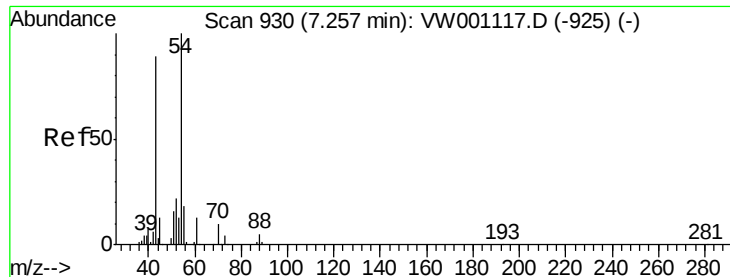
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#36
1,1-Dichloropropene
Concen: 143.68 ug/l
RT: 8.08 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.5	18.7	56.1
77	30.8	24.6	37.0





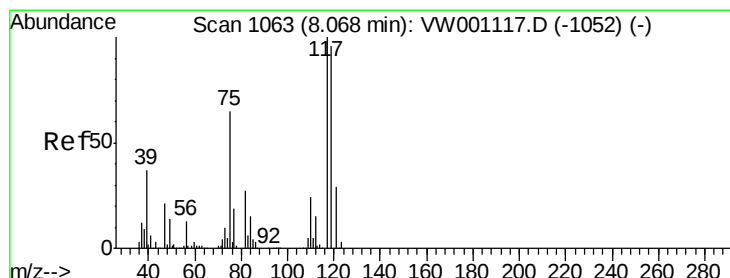
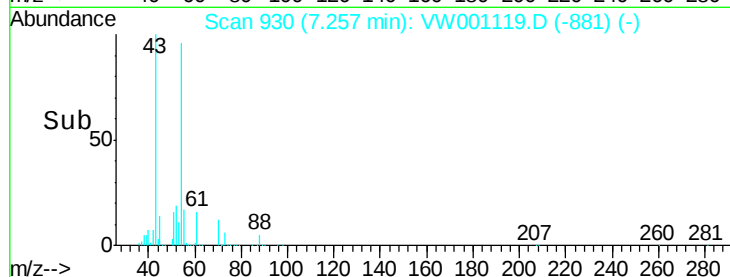
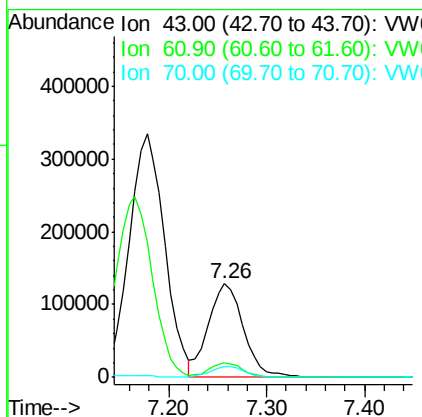
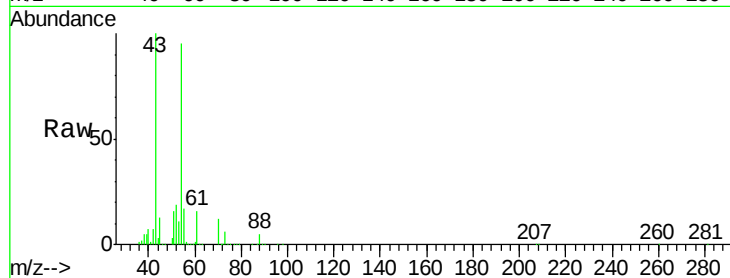
#37
Ethyl Acetate
Concen: 144.20 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.9	17.9
70	11.3	9.4	14.0

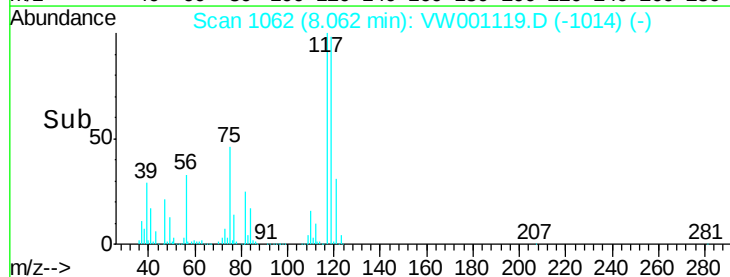
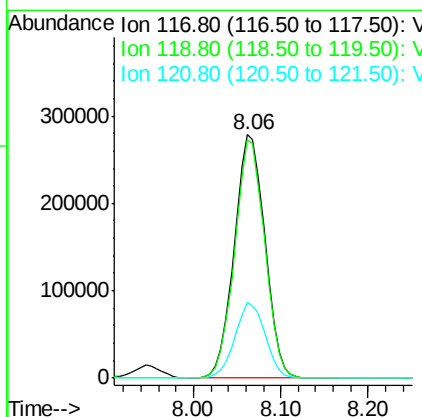
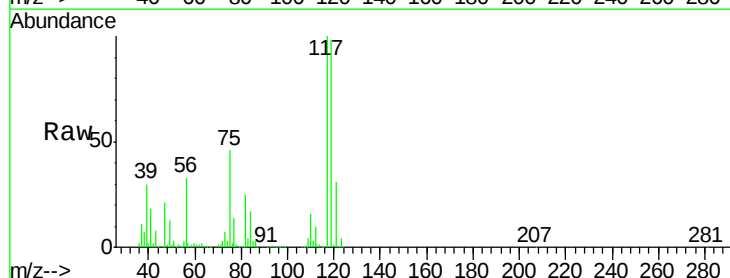
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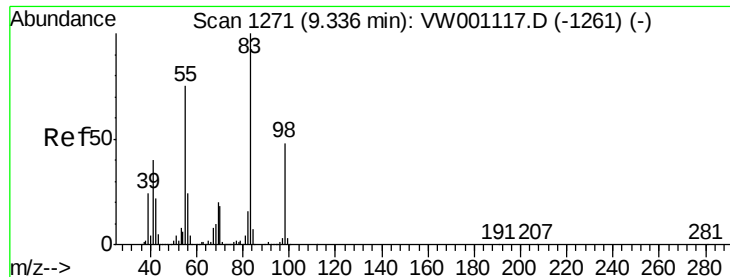
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#38
Carbon Tetrachloride
Concen: 144.84 ug/l
RT: 8.06 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.0	115.4
121	31.0	23.5	35.3





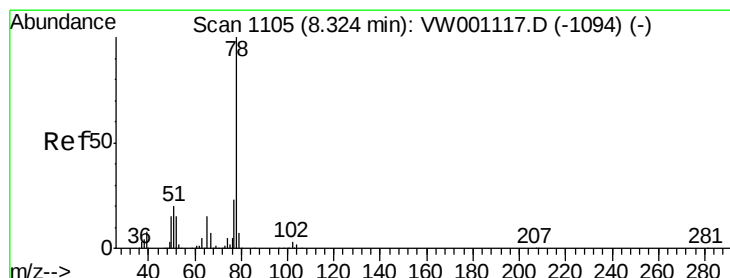
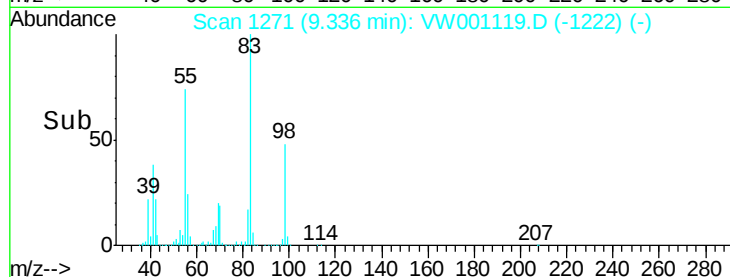
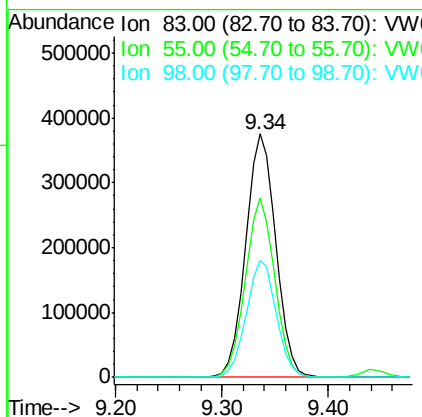
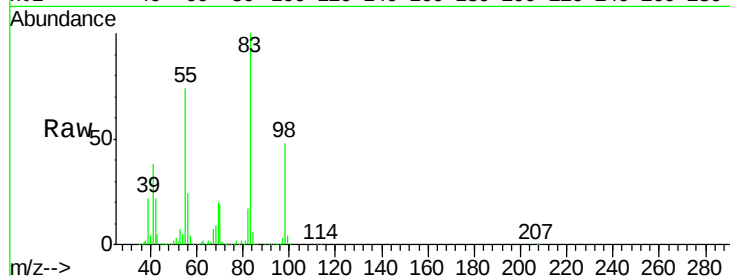
#39
Methvlcvclohexane
Concen: 150.28 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.7	59.7	89.5
98	48.2	38.0	57.0

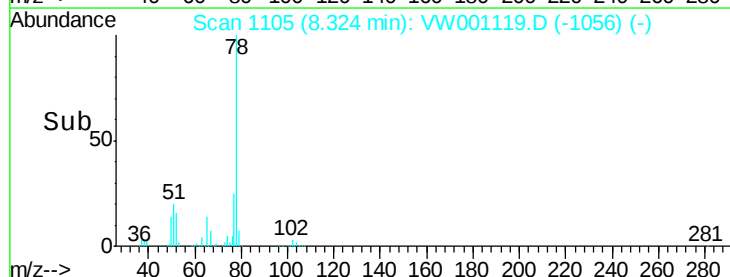
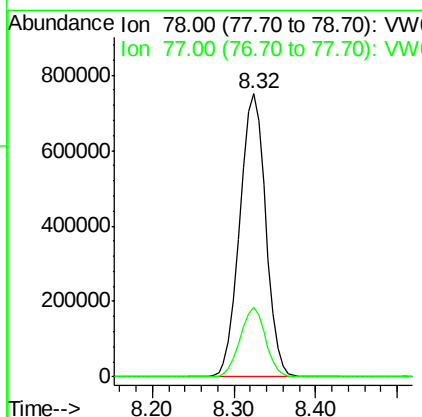
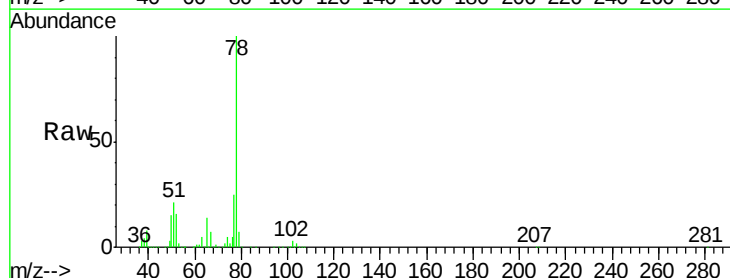
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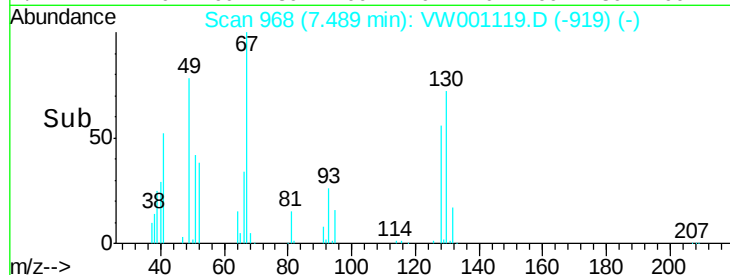
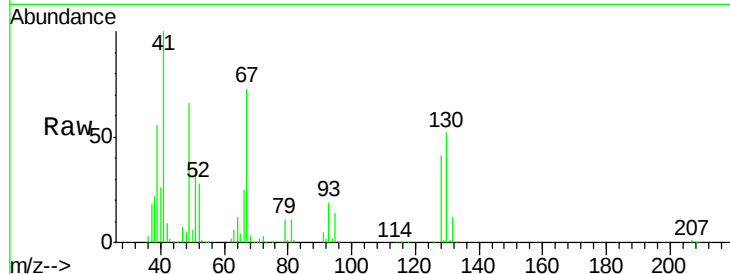
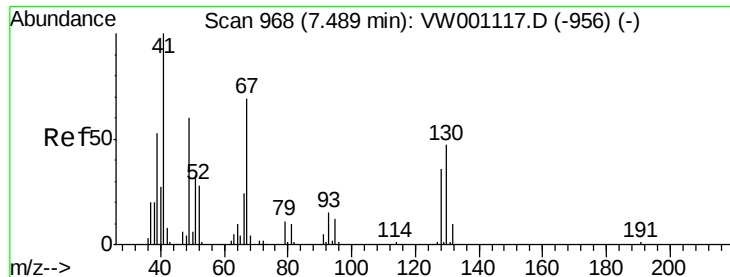
MMDadoda
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#40
Benzene
Concen: 142.42 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.6	28.0





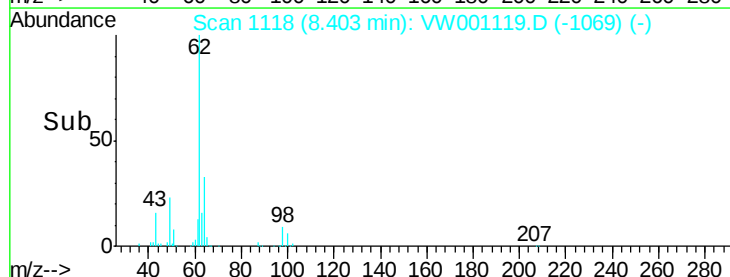
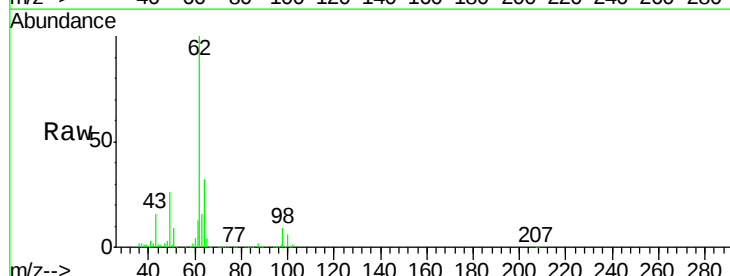
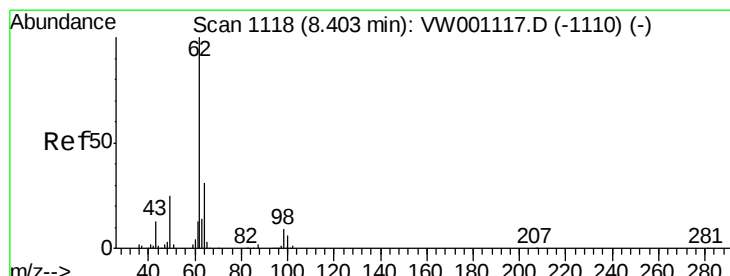
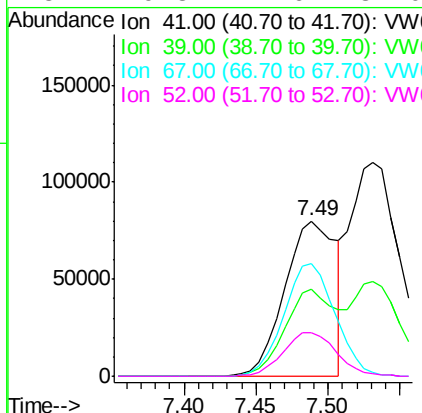
#41
Methacrylonitrile
Concen: 161.07 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tot Ion	41	Resp	197979
Ion Ratio	Lower	Upper	
41	100		
39	53.9	48.8	73.2
67	72.5	59.6	89.4
52	29.8	24.6	37.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

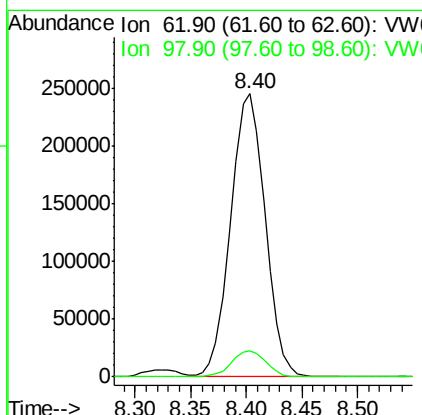
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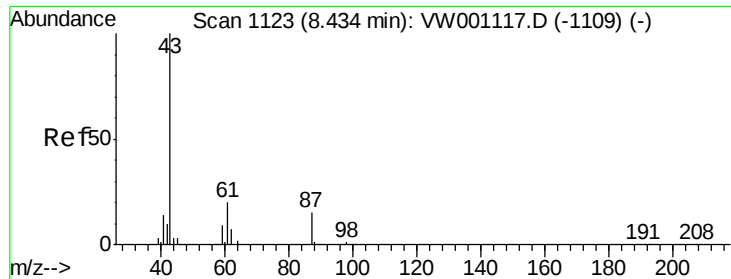
MMDadoda
1/30/2018 5:46:54 PM



#42
1,2-Dichloroethane
Concen: 144.58 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tgt Ion	62	Resp	527553
Ion Ratio	Lower	Upper	
62	100		
98	9.2	0.0	18.8





#43

Isopropyl Acetate

Concen: 156.77 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

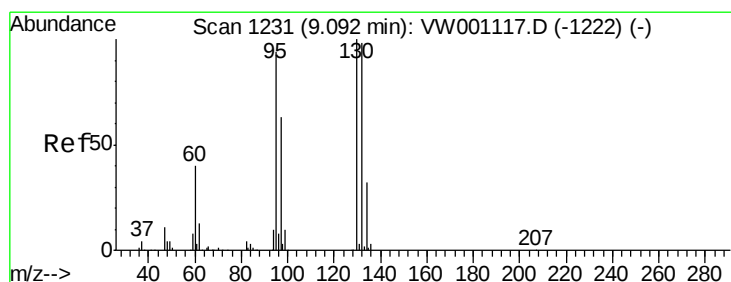
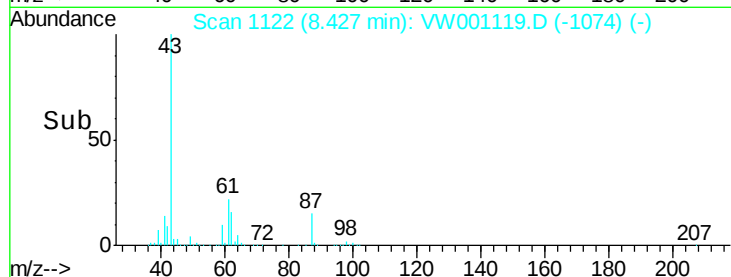
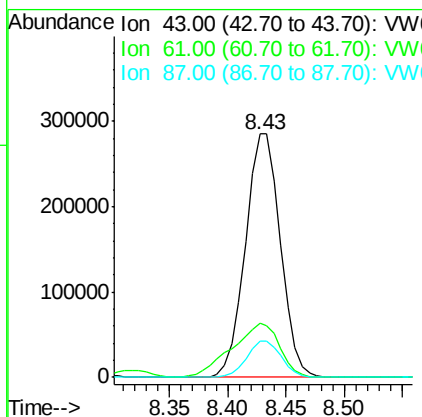
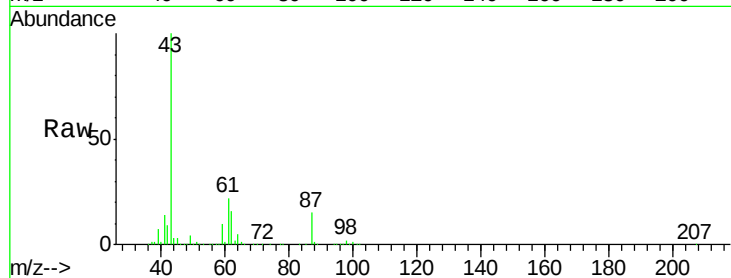
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	597571
Ion	Ratio	Lower	Upper
43	100		
61	30.1	23.9	35.9
87	14.7	12.0	18.0

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#44

Trichloroethene

Concen: 142.11 ug/l

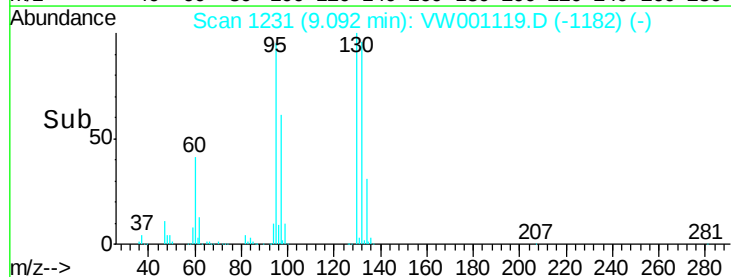
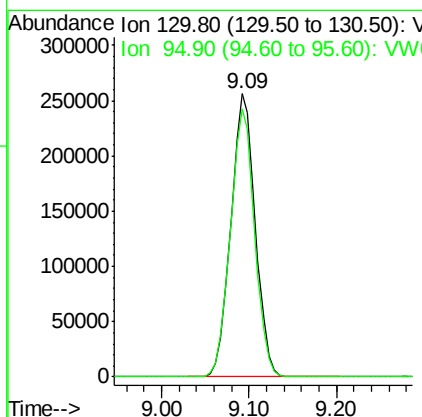
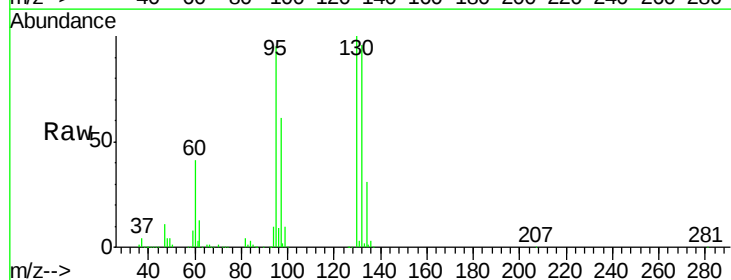
RT: 9.09 min Scan# 1231

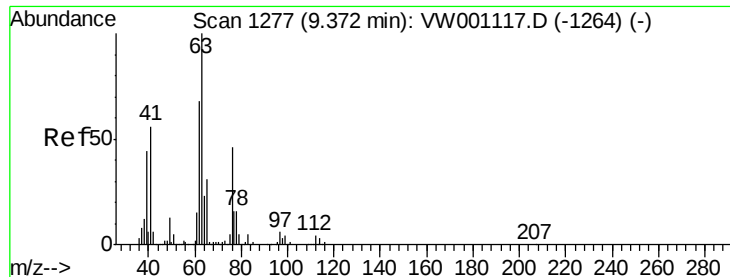
Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Tgt Ion:	130	Resp:	495142
Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	189.0





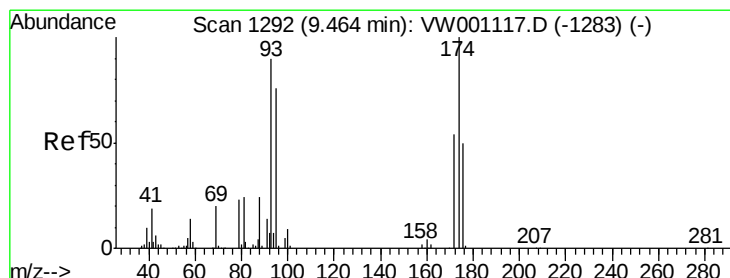
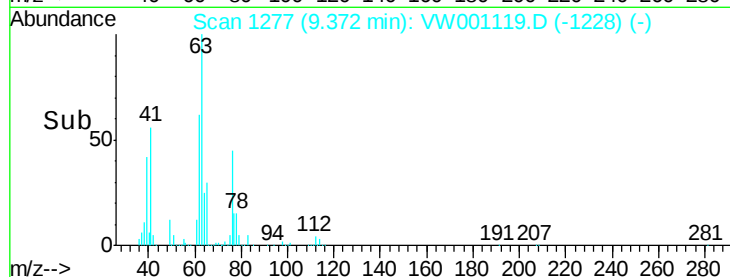
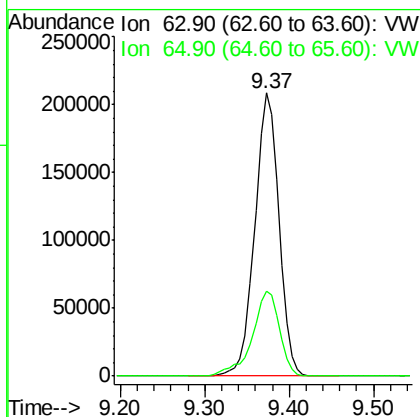
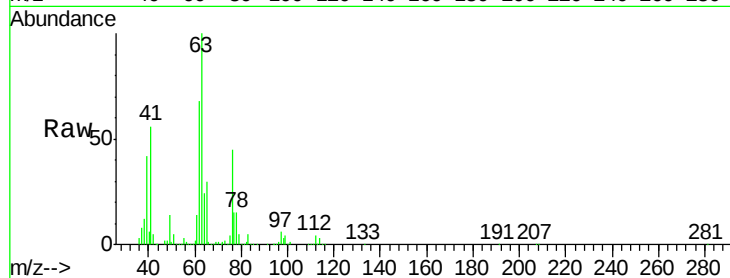
#45
 1,2-Dichloropropane
 Concen: 145.89 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	25.0	37.4

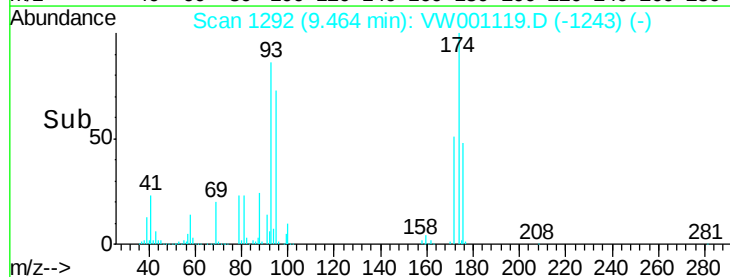
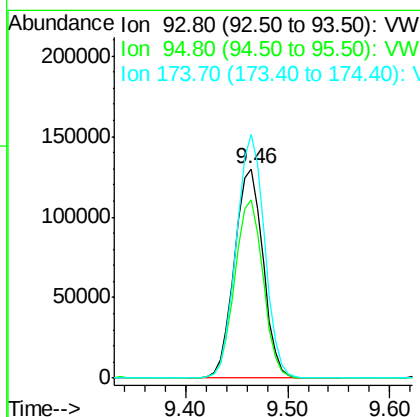
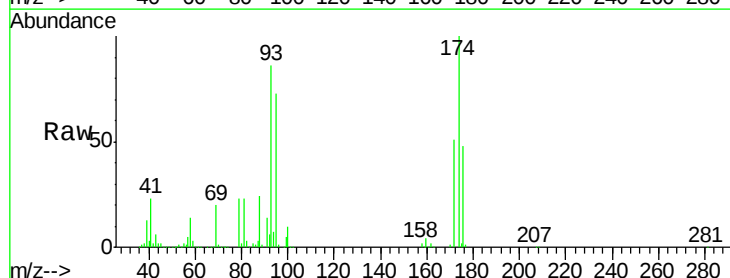
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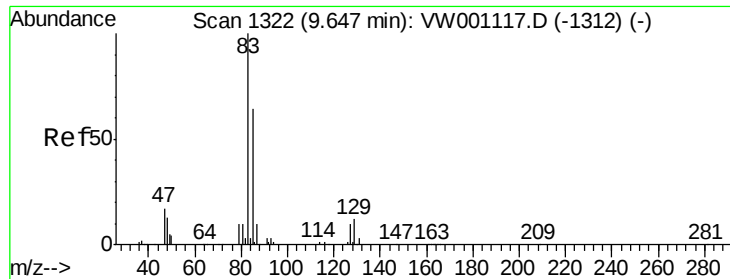
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#46
 Dibromomethane
 Concen: 144.46 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	66.5	99.7
174	114.8	89.5	134.3





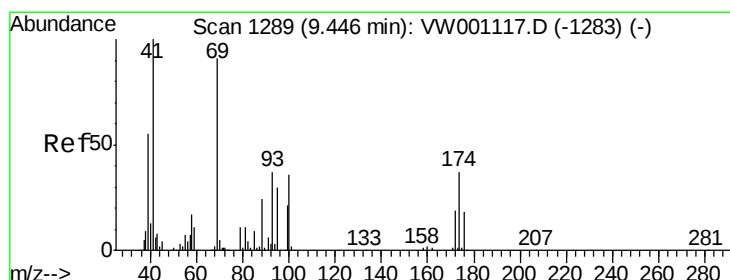
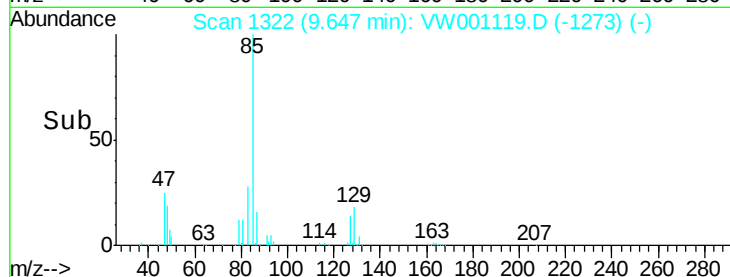
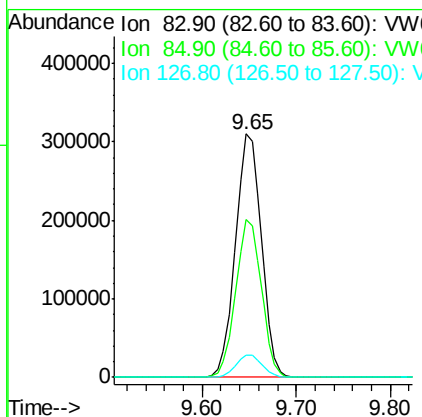
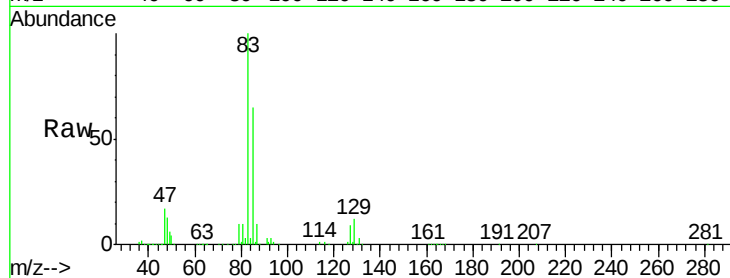
#47
Bromodichloromethane
Concen: 150.08 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Resp	Lower	Upper
83	100	593352		
85	64.8		51.5	77.3
127	9.0		7.6	11.4

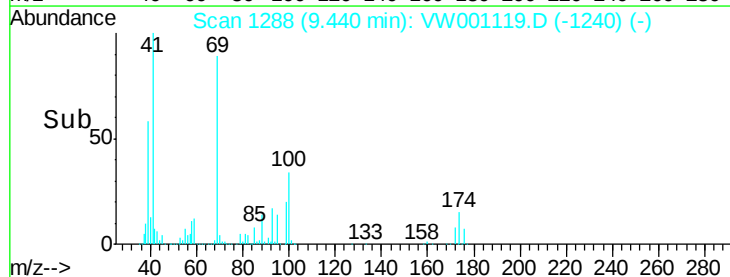
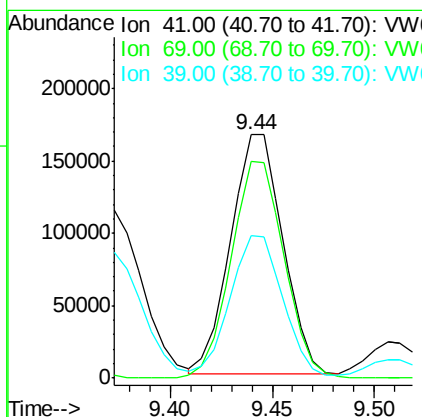
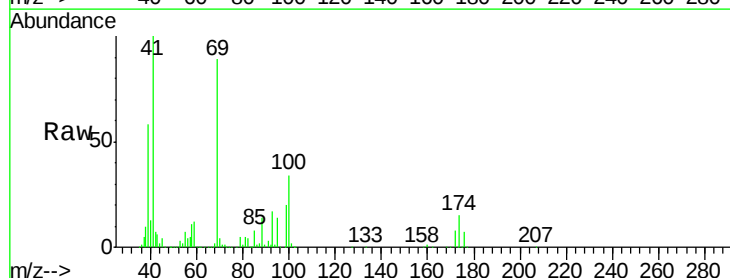
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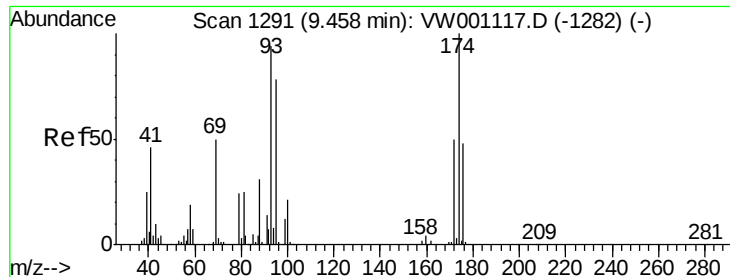
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#48
Methyl methacrylate
Concen: 160.86 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	293091		
69	92.9		74.9	112.3
39	61.0		47.6	71.4





#49

1,4-Dioxane

Concen: 3033.57 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. -0.01 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

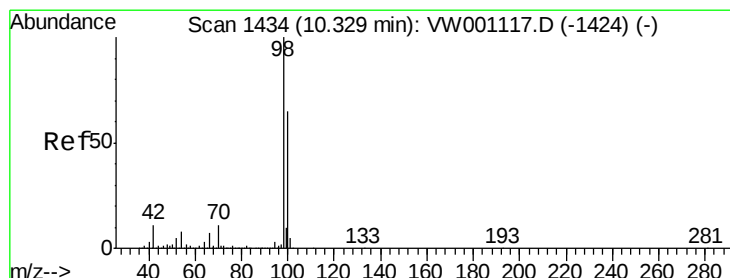
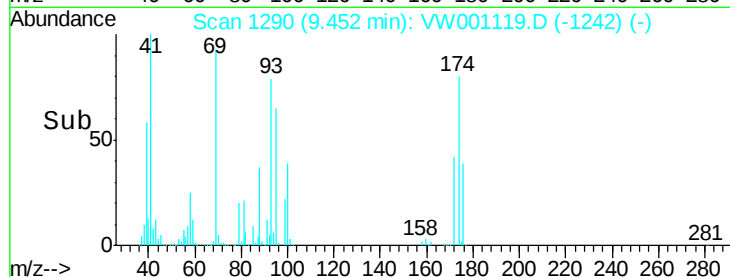
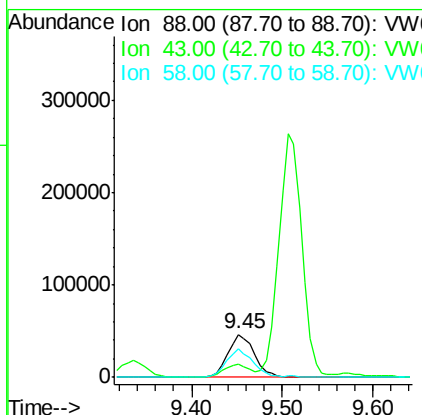
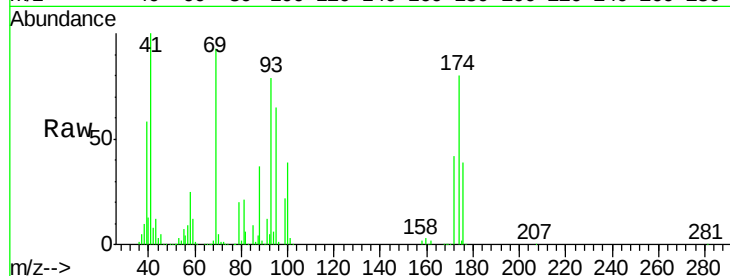
ClientSampleId :

VSTDIC150

Tot Ion:	88	Resp:	94460
Ion	Ratio	Lower	Upper
88	100		
43	29.7	23.0	34.6
58	67.0	53.9	80.9

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#50

Toluene-d8

Concen: 145.04 ug/l

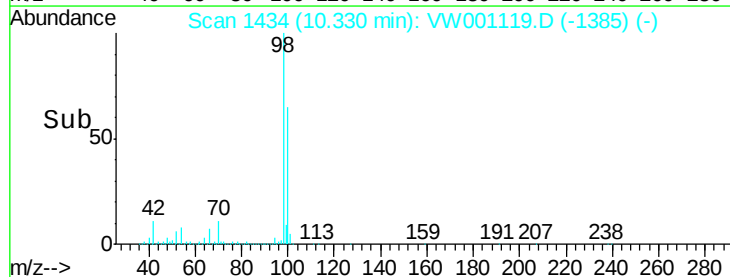
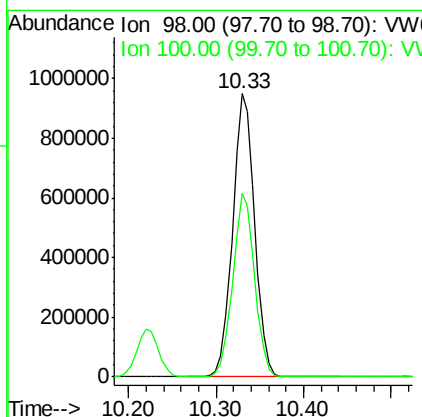
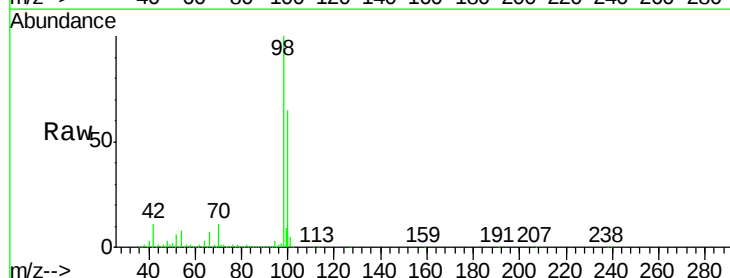
RT: 10.33 min Scan# 1434

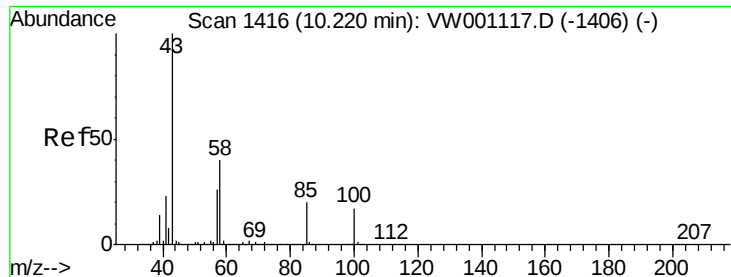
Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Tgt Ion:	98	Resp:	1657678
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.3	76.9





#51

4-Methyl-2-Pentanone

Concen: 782.99 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1630865

Ion Ratio Lower Upper

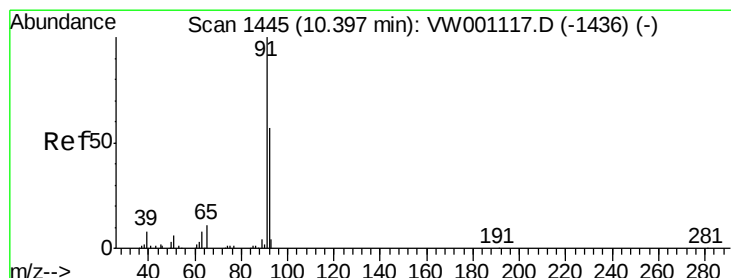
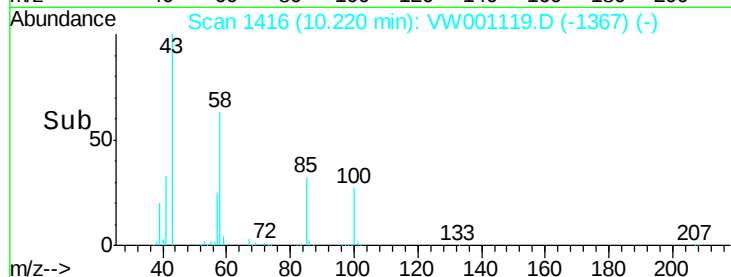
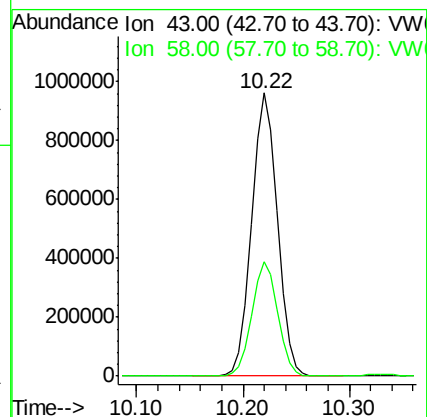
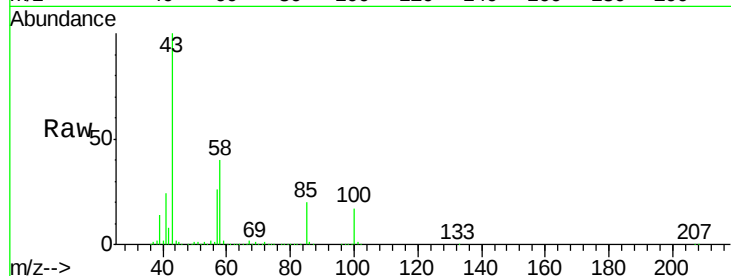
43 100

58 40.4 32.1 48.1

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#52

Toluene

Concen: 145.24 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.00 min

Lab File: VW001119.D

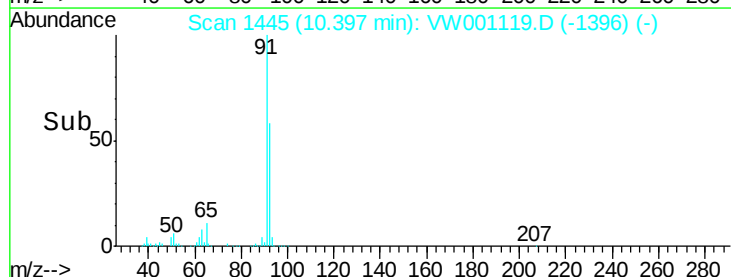
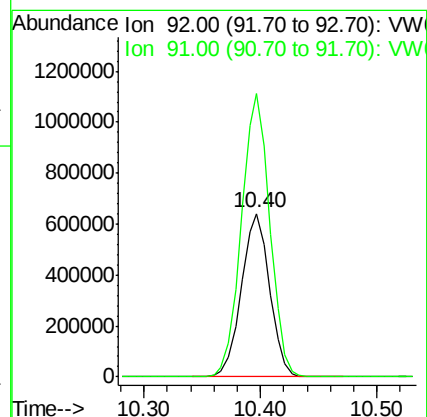
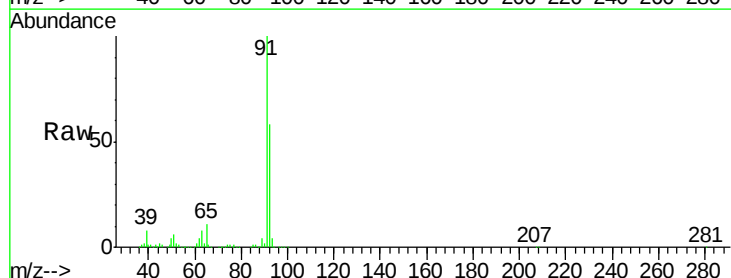
Acq: 29 Jan 2018 14:08

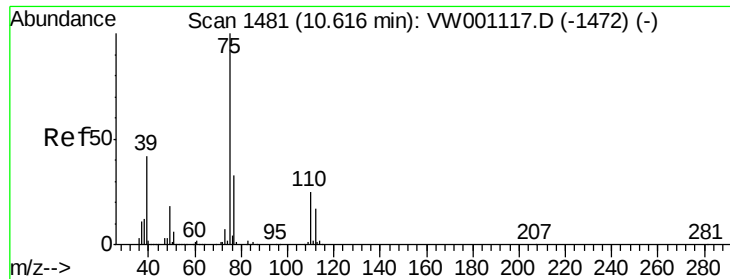
Tgt Ion: 92 Resp: 1082236

Ion Ratio Lower Upper

92 100

91 174.3 140.6 211.0





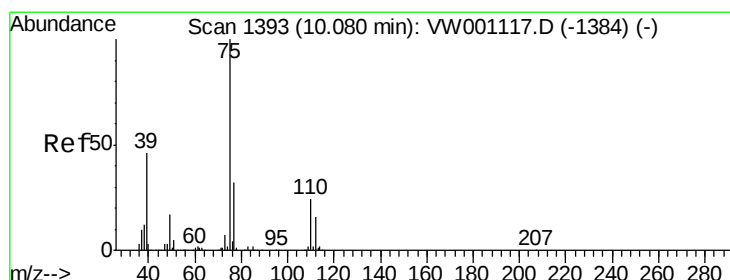
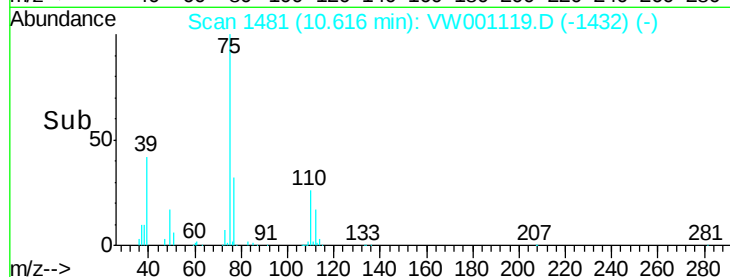
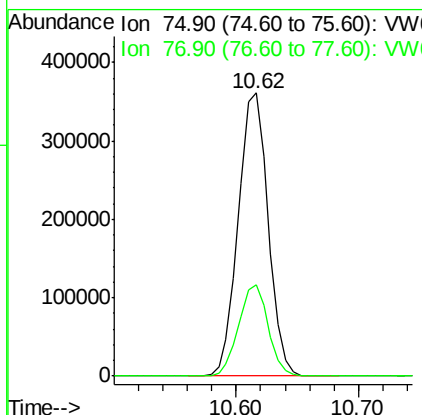
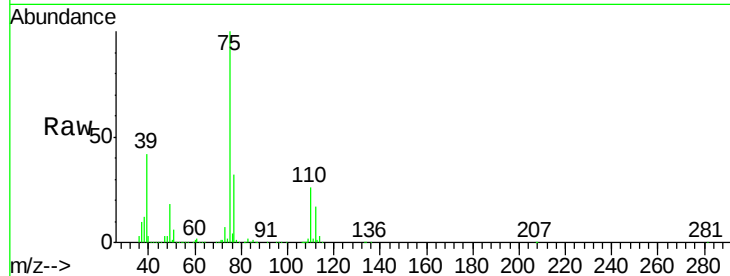
#53
t-1,3-Dichloropropene
Concen: 153.32 ug/l
RT: 10.62 min Scan# 1481
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Tot Ion: 75 Resp: 611648
Ion Ratio Lower Upper
75 100
77 32.3 26.0 39.0

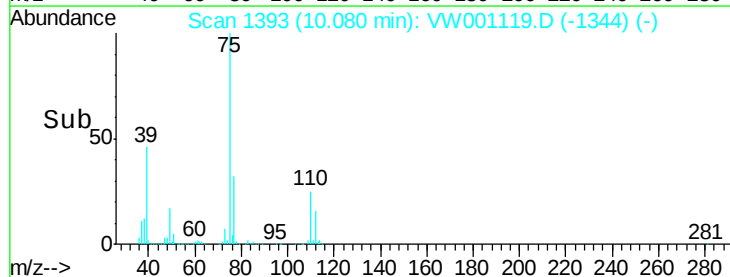
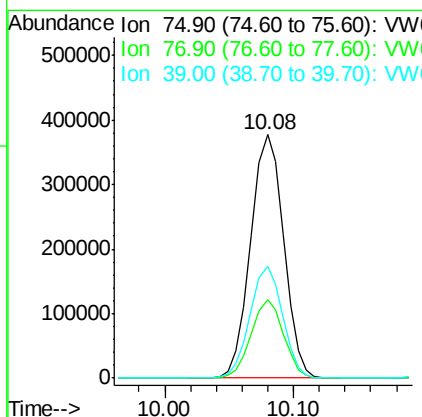
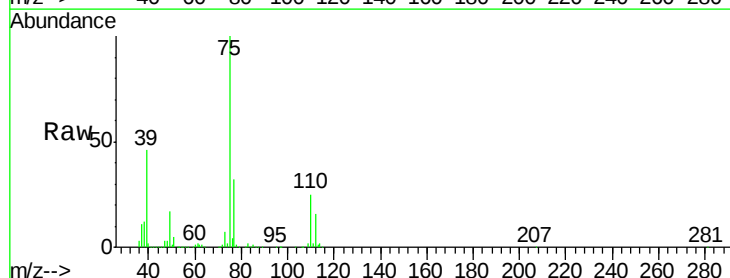
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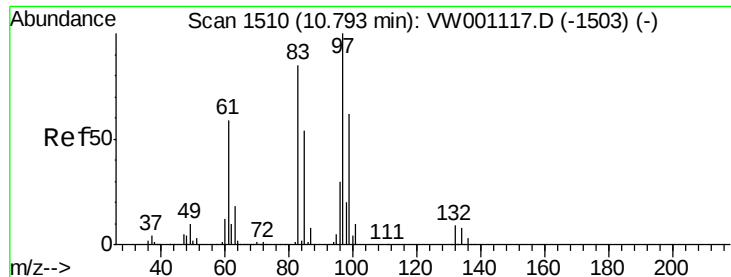
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#54
cis-1,3-Dichloropropene
Concen: 150.24 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tgt Ion: 75 Resp: 669106
Ion Ratio Lower Upper
75 100
77 32.1 25.5 38.3
39 45.6 37.0 55.4





#55

1,1,2-Trichloroethane

Concen: 145.73 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 97 Resp: 363033

Ion Ratio Lower Upper

97 100

83 84.3 67.7 101.5

85 53.7 43.0 64.6

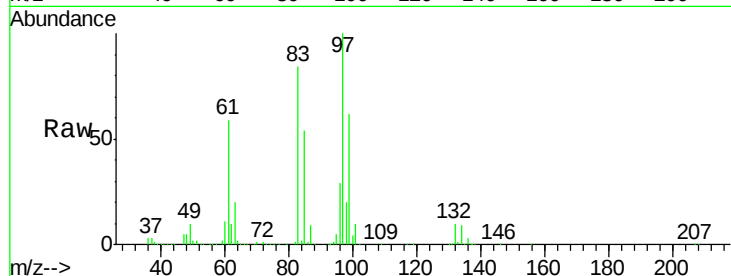
99 62.4 49.9 74.9

Manual Integrations

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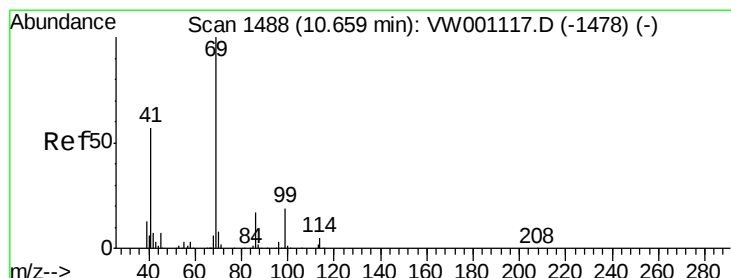
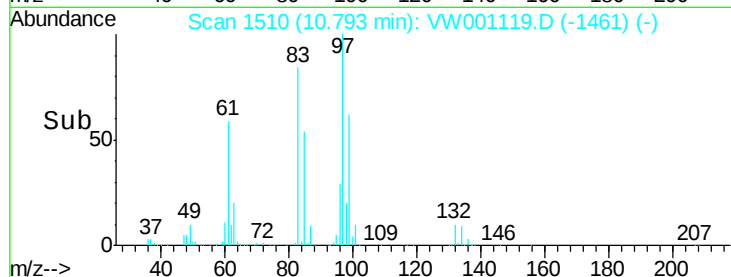
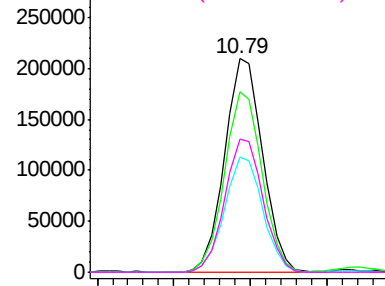


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 166.20 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

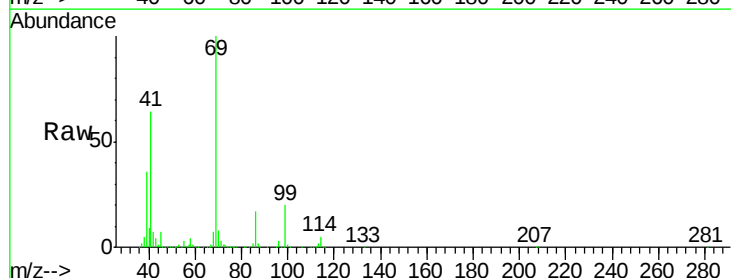
Tgt Ion: 69 Resp: 485357

Ion Ratio Lower Upper

69 100

41 62.8 50.6 75.8

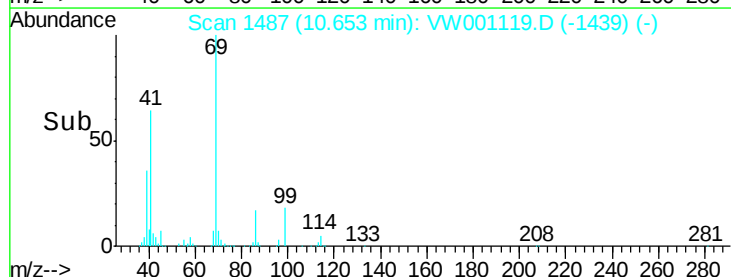
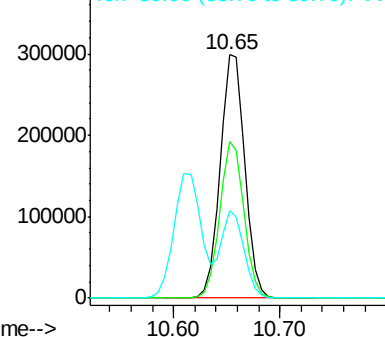
39 34.2 27.5 41.3

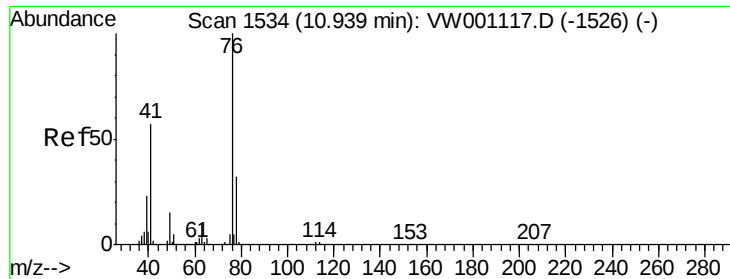


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





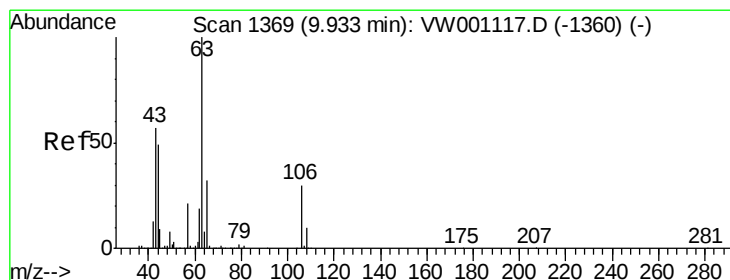
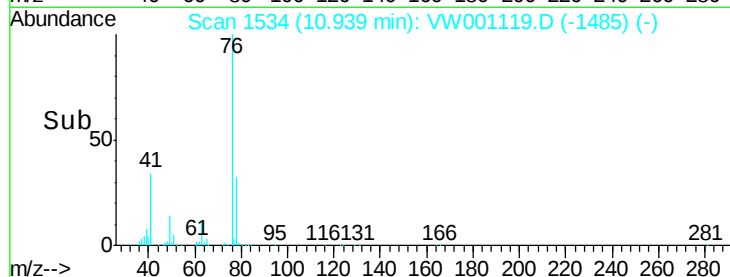
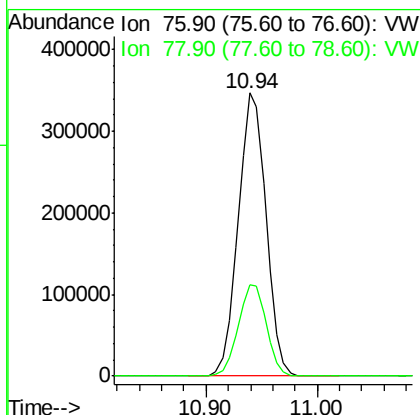
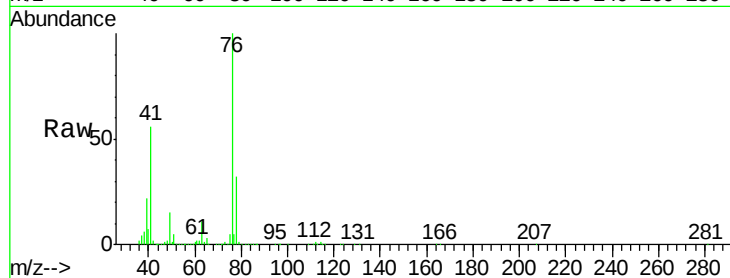
#57
 1,3-Dichloropropane
 Concen: 147.80 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion: 76 Resp: 598573
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.7 38.5

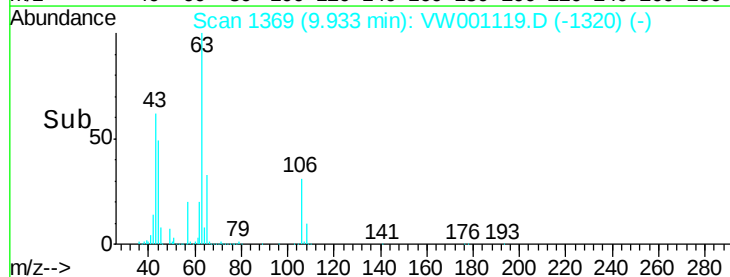
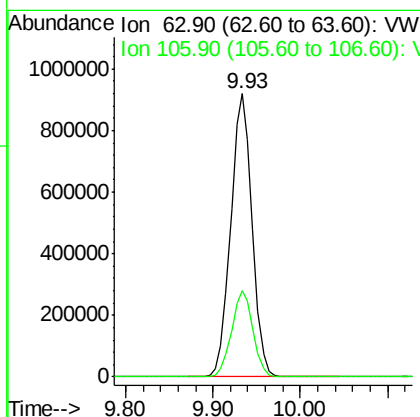
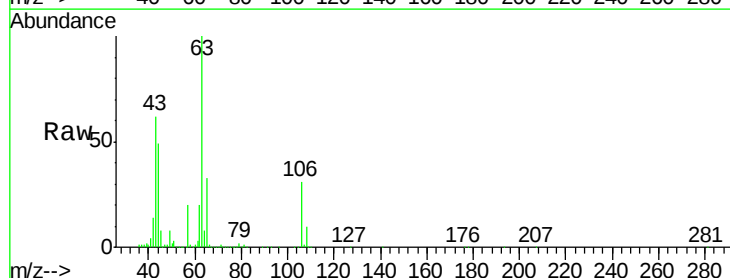
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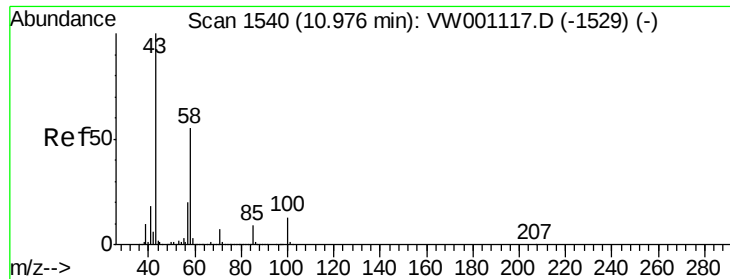
MMDadoda
 1/30/2018 5:46:54 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 750.39 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

Tgt Ion: 63 Resp: 1556921
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.2 36.4





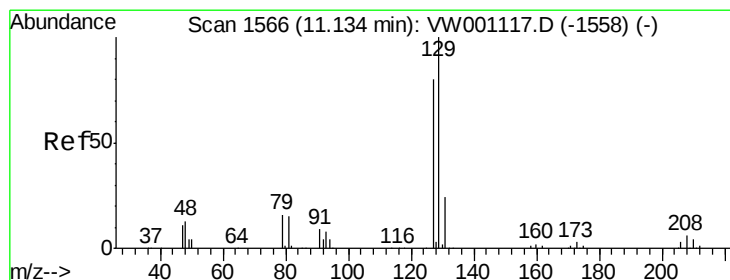
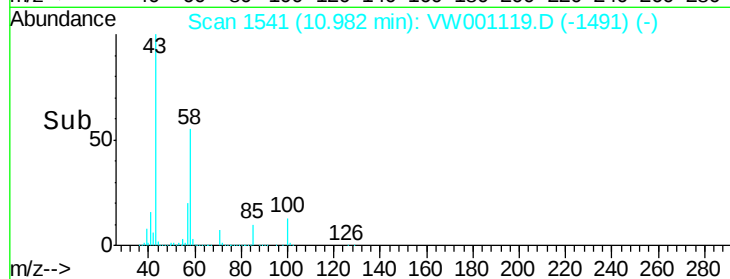
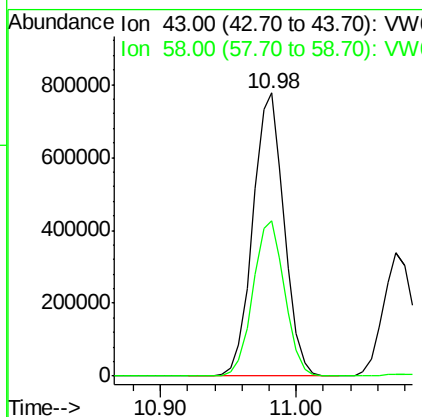
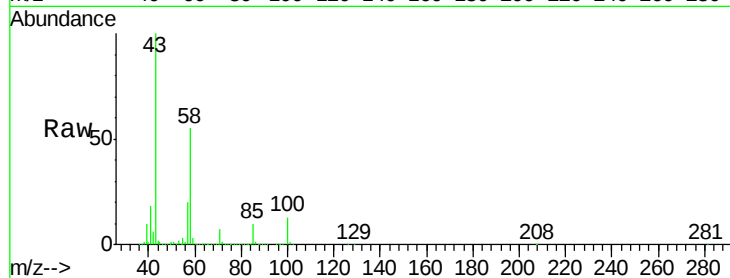
#59
2-Hexanone
Concen: 791.10 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1246587
Ion Ratio Lower Upper
43 100
58 55.8 27.7 83.0

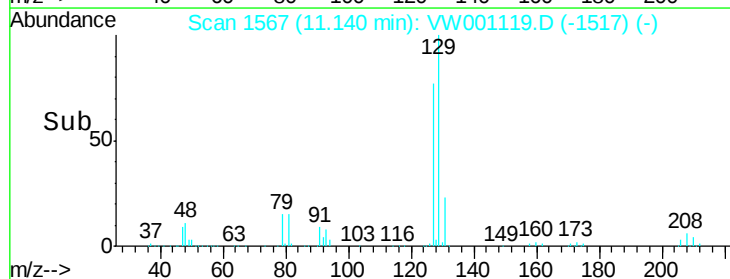
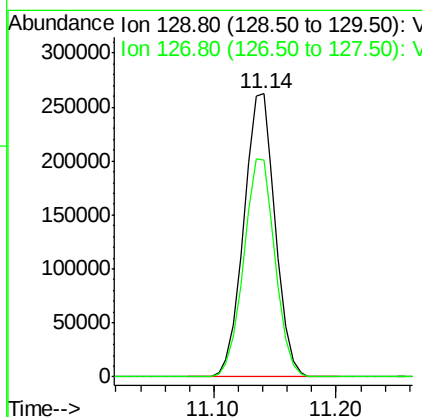
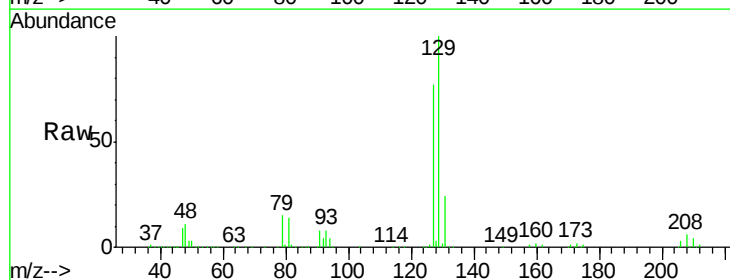
Manual Integrations
APPROVED

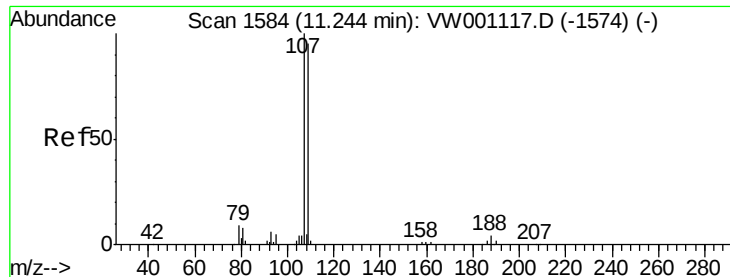
MMDadoda
1/30/2018 5:46:54 PM



#60
Dibromochloromethane
Concen: 153.48 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tgt Ion:129 Resp: 465867
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





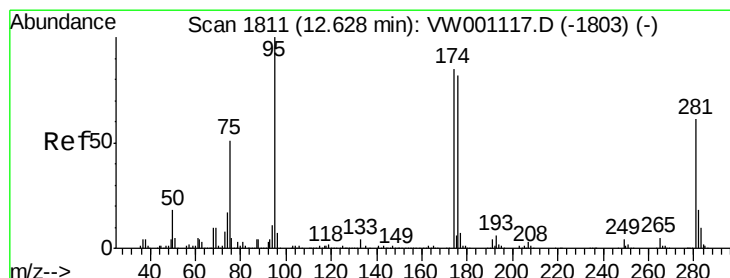
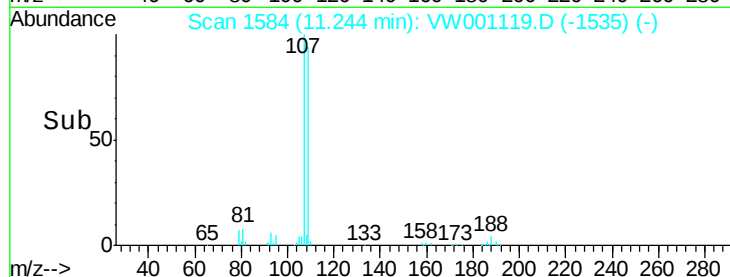
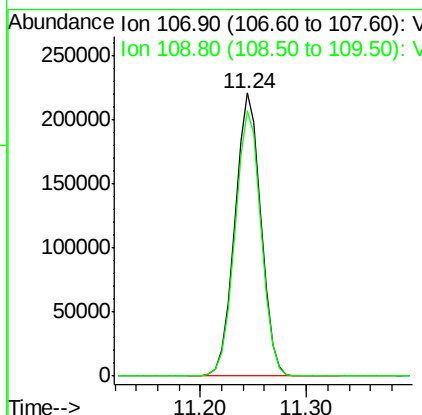
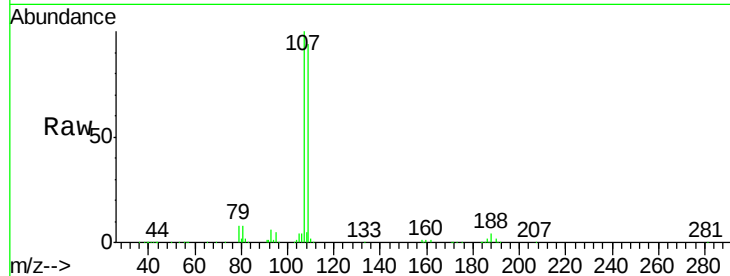
#61
 1,2-Dibromoethane
 Concen: 150.31 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.8	113.8

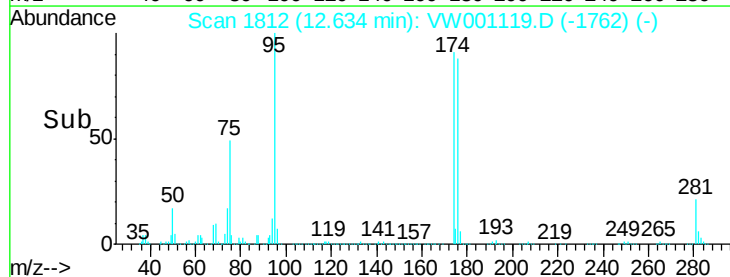
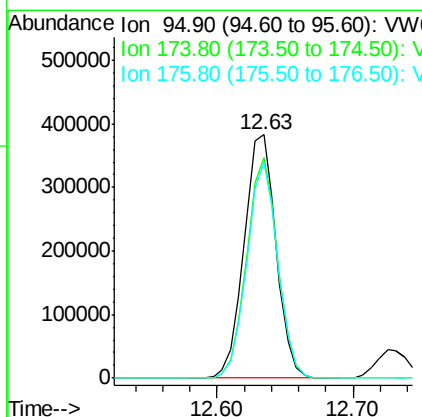
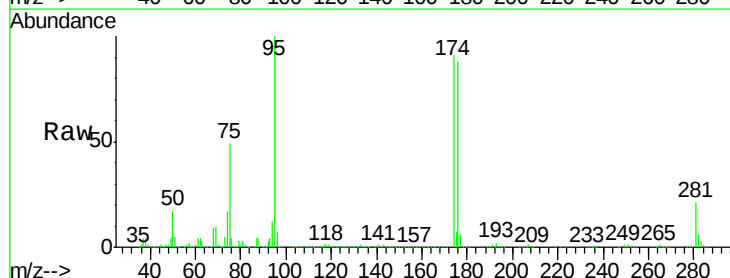
Manual Integrations
 APPROVED

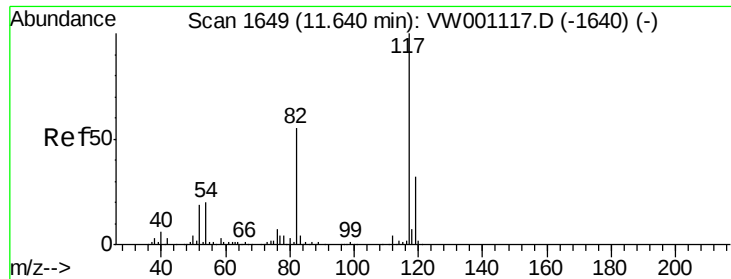
MMDadoda
 1/30/2018 5:46:54 PM



#62
 4-Bromofluorobenzene
 Concen: 149.16 ug/l
 RT: 12.63 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.1	0.0	179.6
176	85.5	0.0	174.4





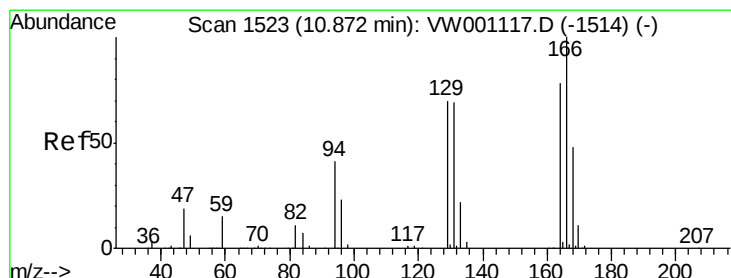
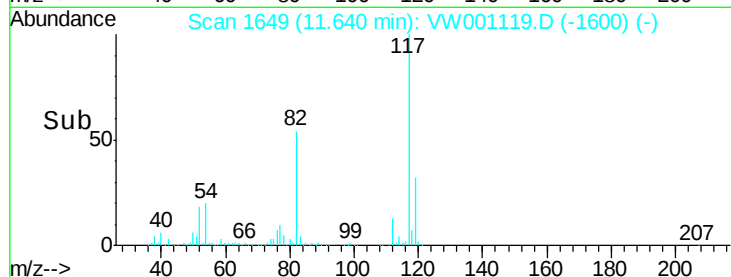
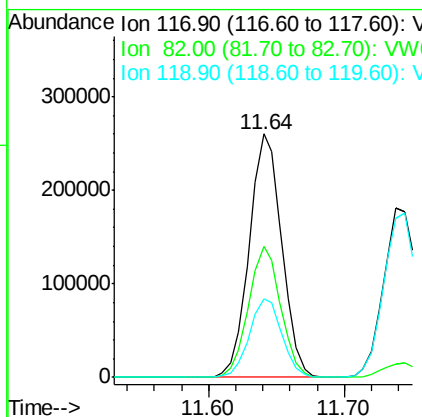
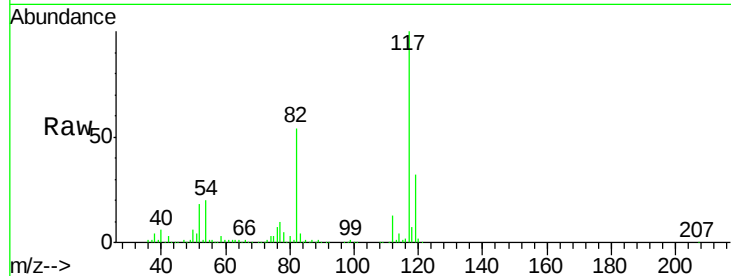
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.8	65.8
119	32.0	25.8	38.8

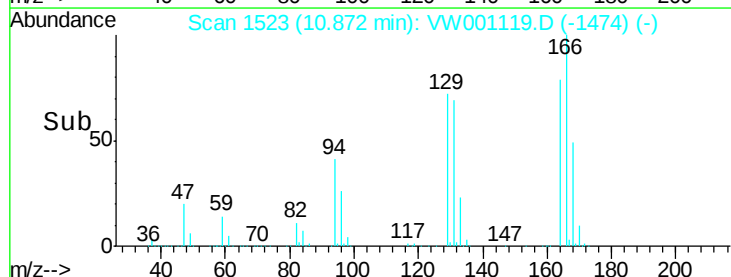
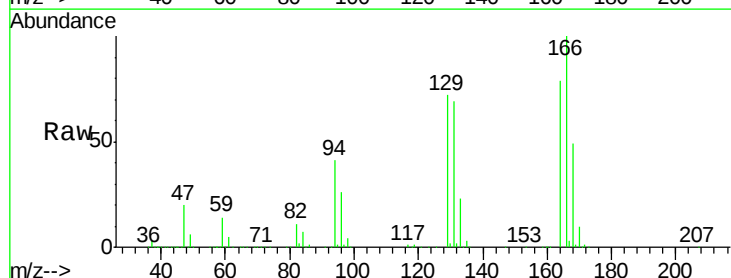
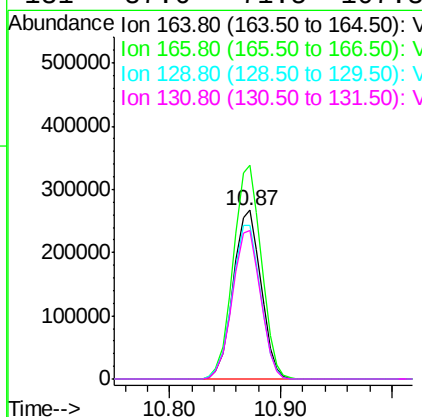
Manual Integrations
APPROVED

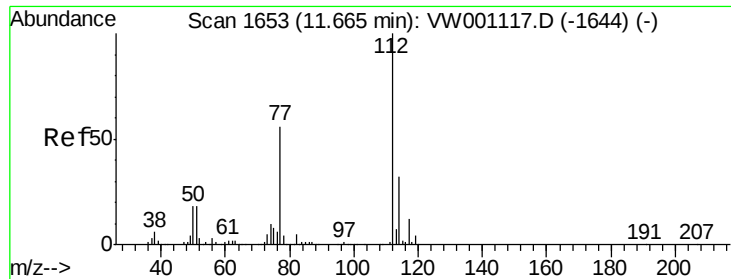
MMDadoda
1/30/2018 5:46:54 PM



#64
Tetrachloroethene
Concen: 131.77 ug/l
RT: 10.87 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.5	103.1	154.7
129	90.9	72.3	108.5
131	87.6	71.5	107.3





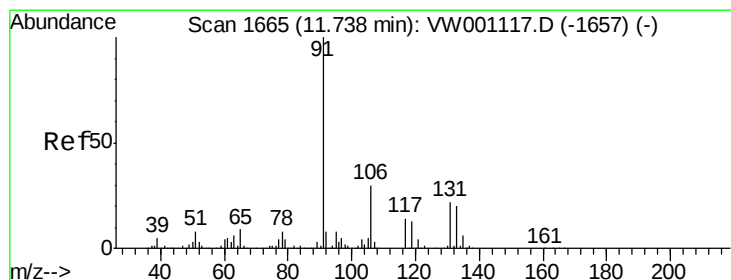
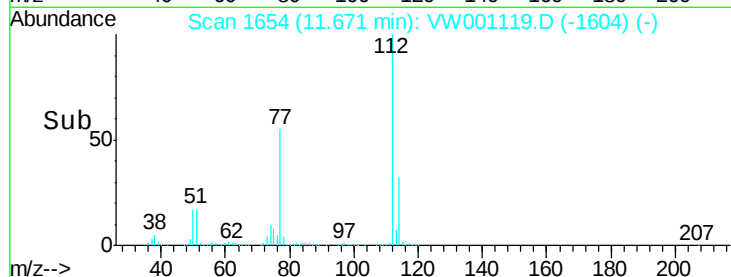
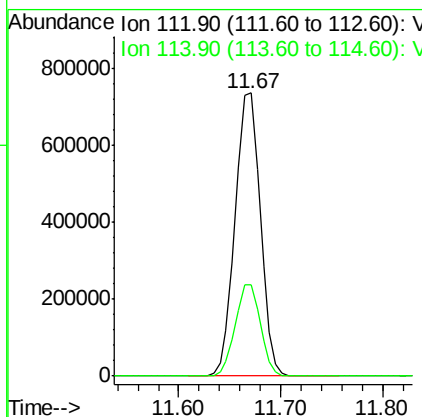
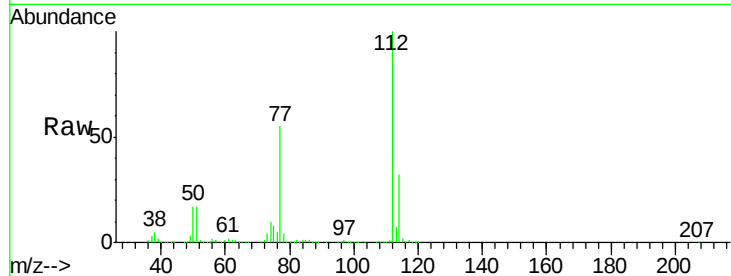
#65
Chlorobenzene
Concen: 143.25 ug/l
RT: 11.67 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1257945
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3

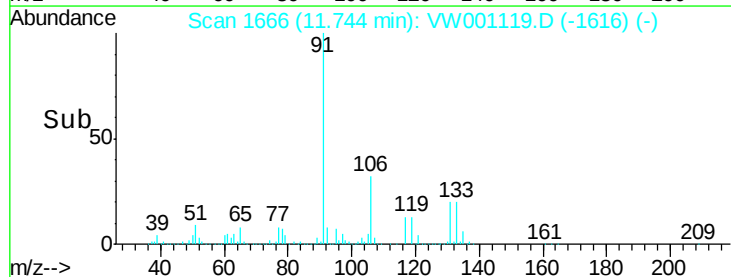
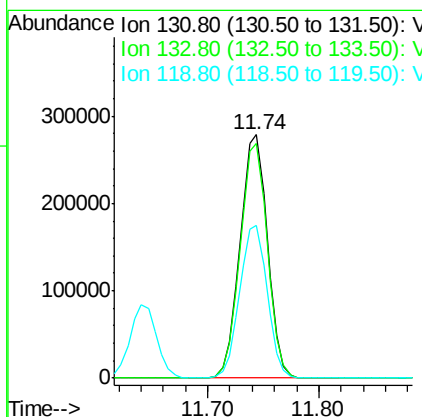
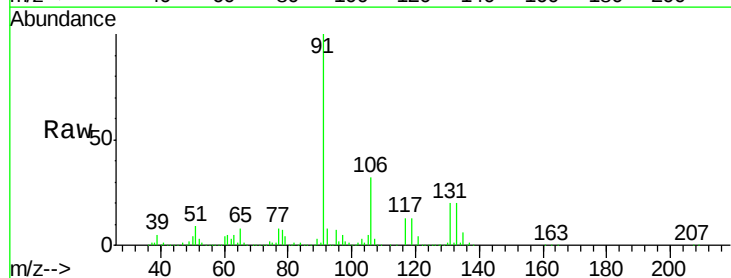
Manual Integrations
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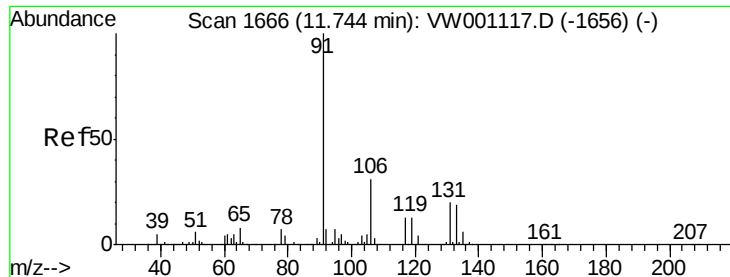
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 147.88 ug/l
RT: 11.74 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tgt Ion:131 Resp: 474241
Ion Ratio Lower Upper
131 100
133 96.4 47.3 141.8
119 63.4 31.5 94.5





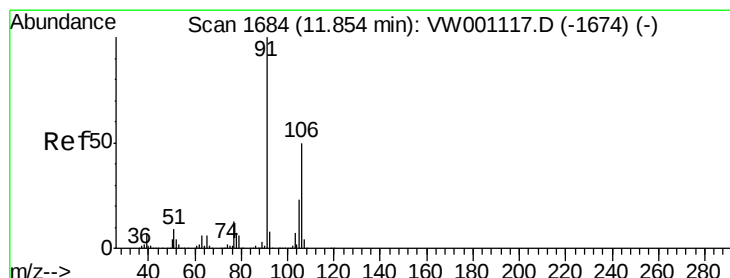
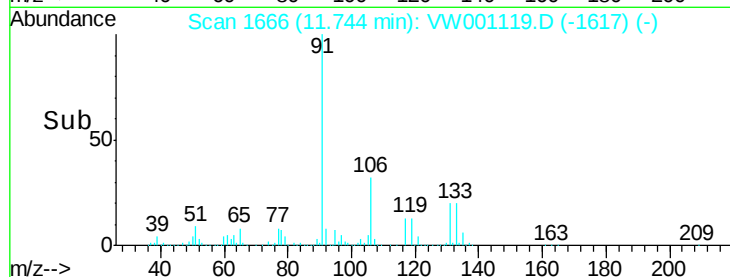
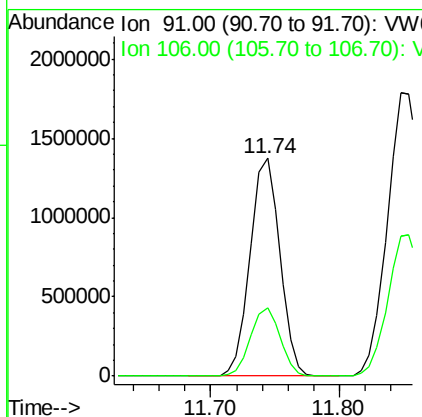
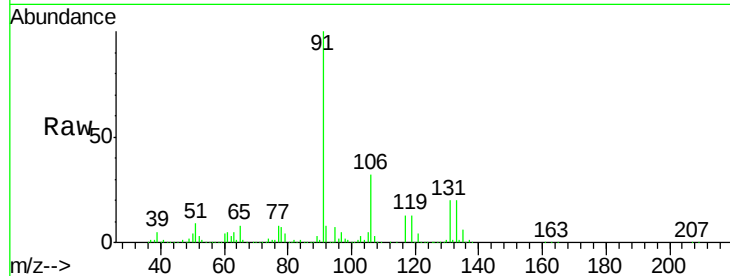
#67
Ethyl Benzene
Concen: 149.41 ug/l
RT: 11.74 min Scan# 1666
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 2190472
Ion Ratio Lower Upper
91 100
106 31.6 24.6 36.8

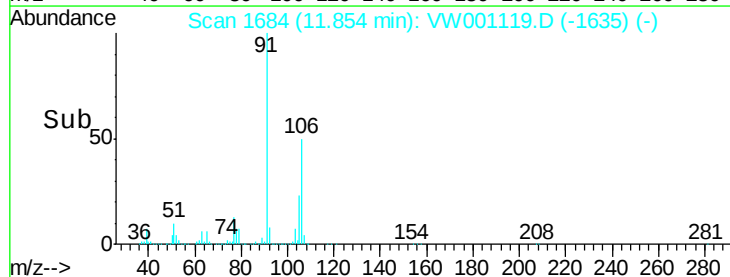
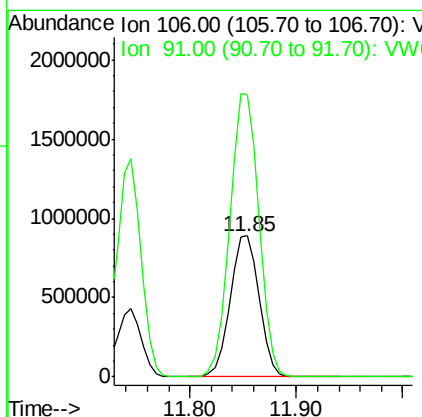
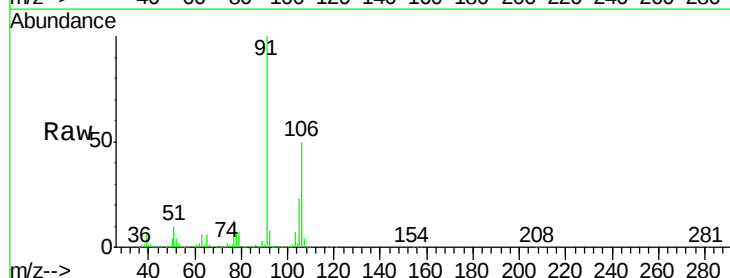
Manual Integrations
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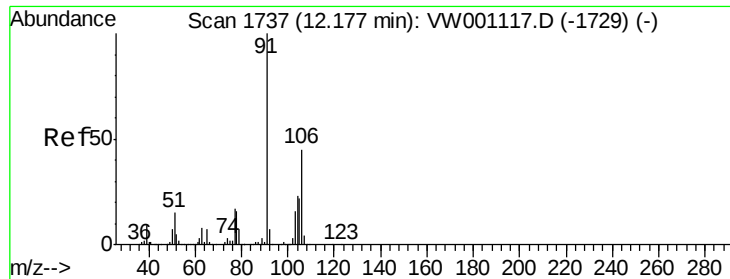
MMDadoda
1/30/2018 5:46:54 PM



#68
m/p-Xylenes
Concen: 296.40 ug/l
RT: 11.85 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tgt Ion: 106 Resp: 1692965
Ion Ratio Lower Upper
106 100
91 201.9 163.1 244.7





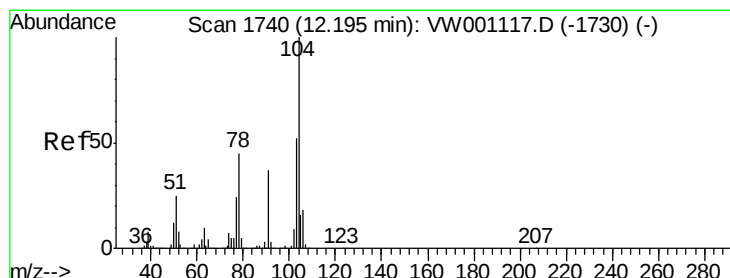
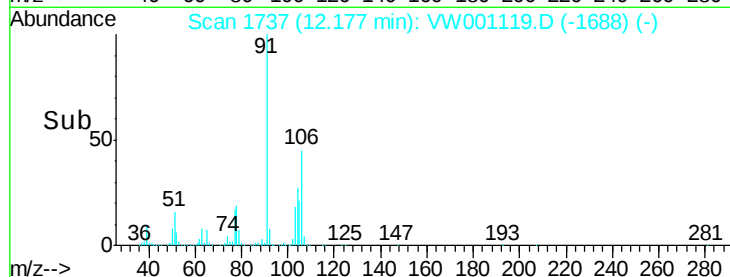
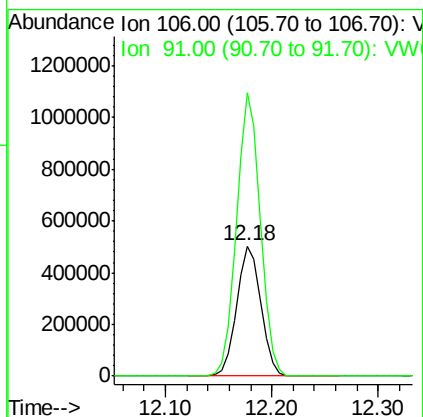
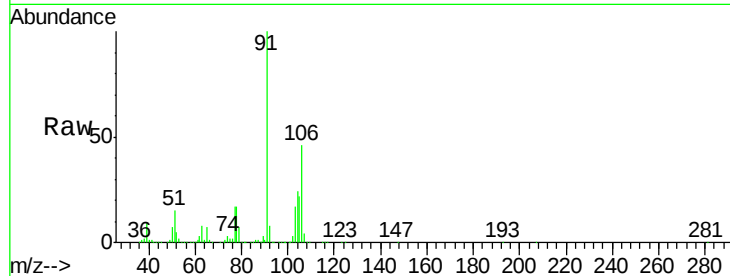
#69
o-Xylene
Concen: 151.79 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	214.2	107.6	322.8	

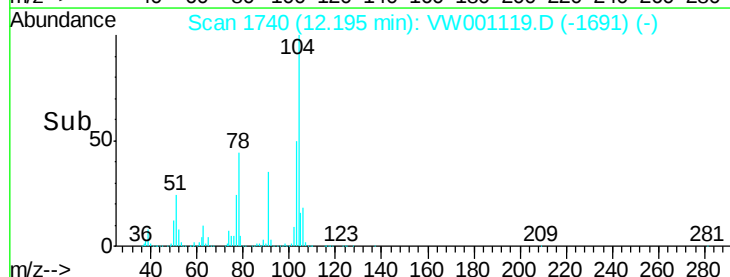
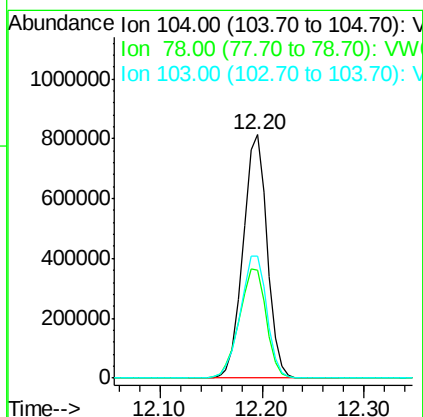
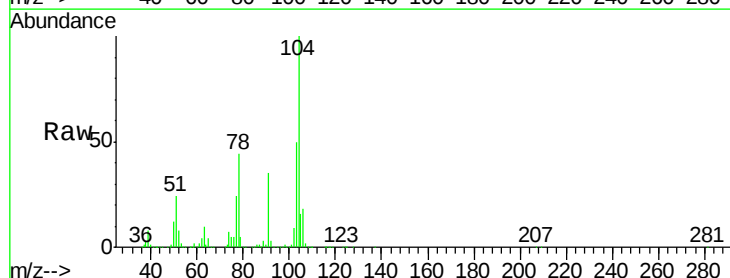
Manual Integrations
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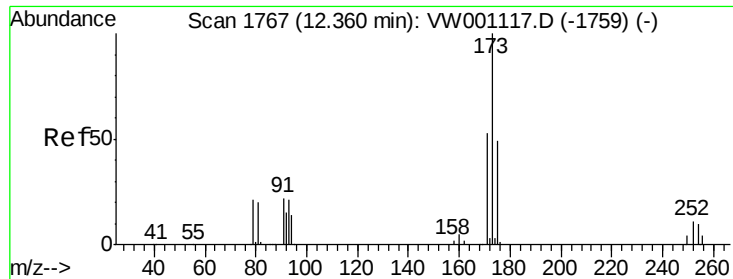
MMDadoda
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#70
Styrene
Concen: 153.73 ug/l
RT: 12.20 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	50.1	39.9	59.9	
103	55.4	44.7	67.1	





#71

Bromoform

Concen: 153.36 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:173 Resp: 317771

Ion Ratio Lower Upper

173 100

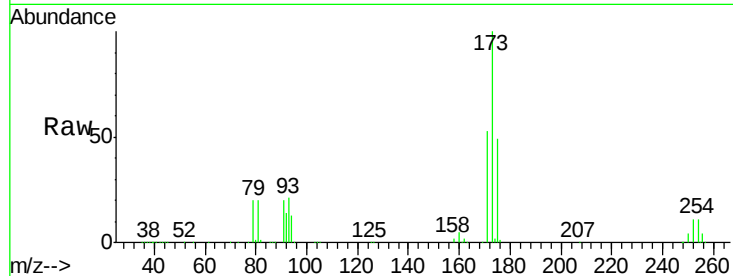
175 48.9 24.9 74.6

254 0.1 0.1 0.1#

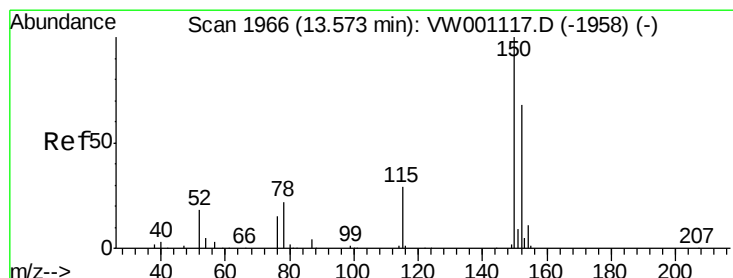
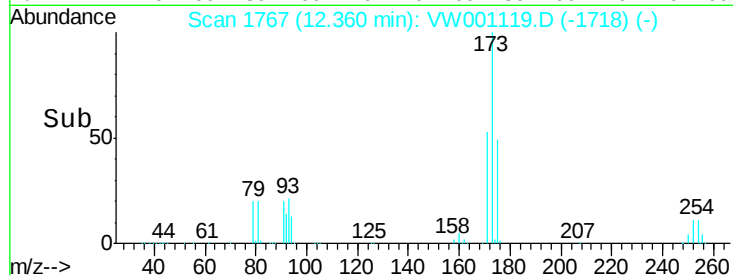
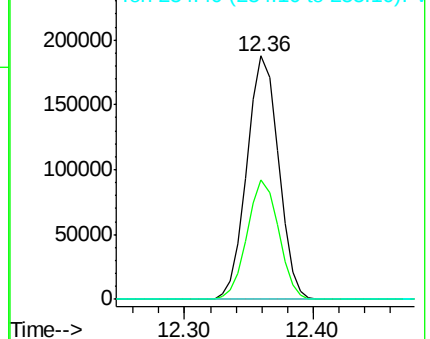
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

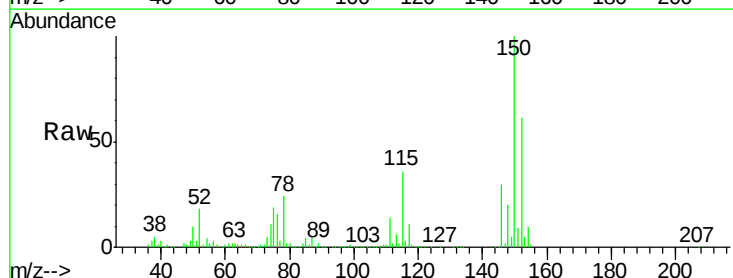
Tgt Ion:152 Resp: 226587

Ion Ratio Lower Upper

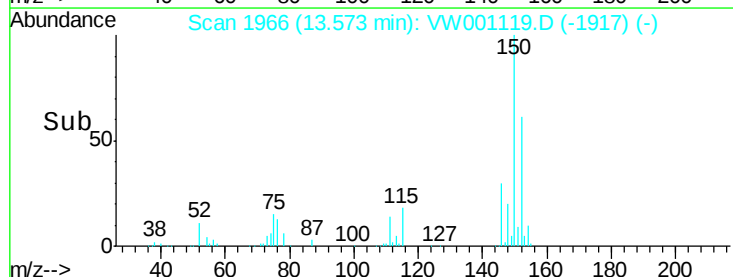
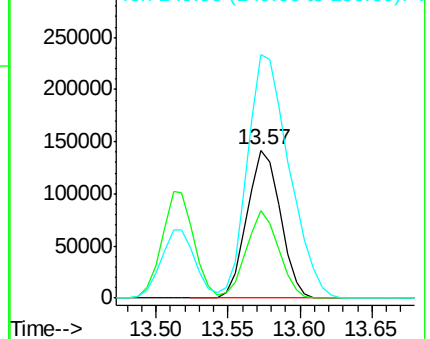
152 100

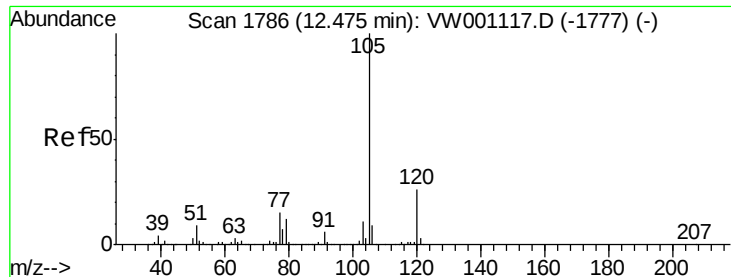
115 57.2 28.4 85.3

150 206.5 0.0 342.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





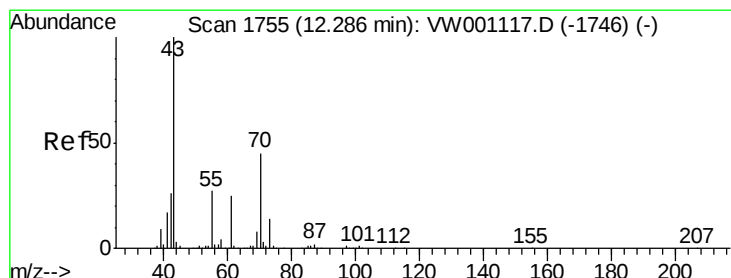
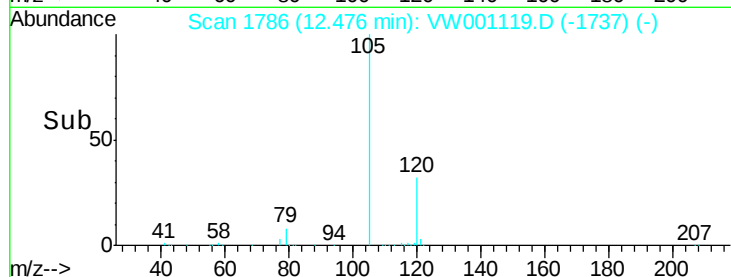
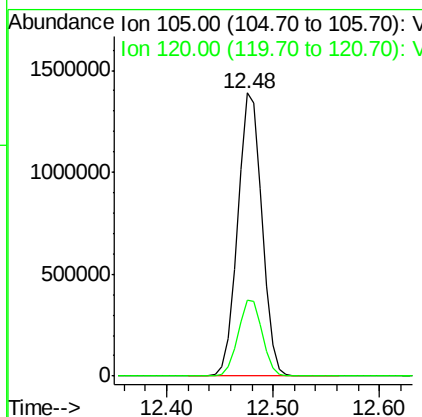
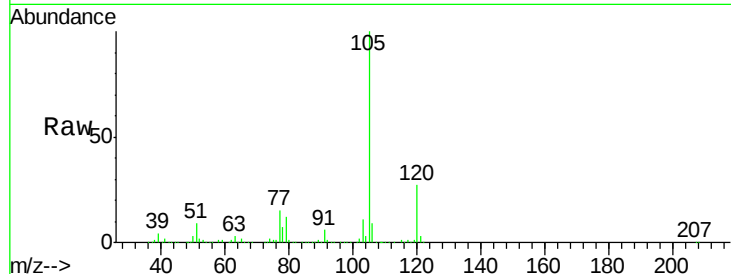
#73
Isopropylbenzene
Concen: 156.26 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:105 Resp: 2217703
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9

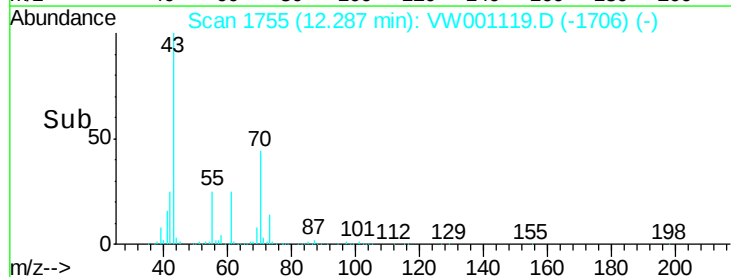
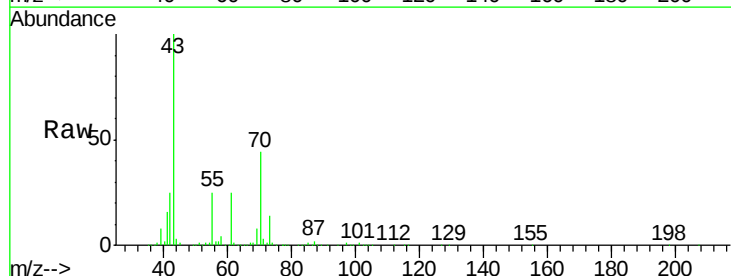
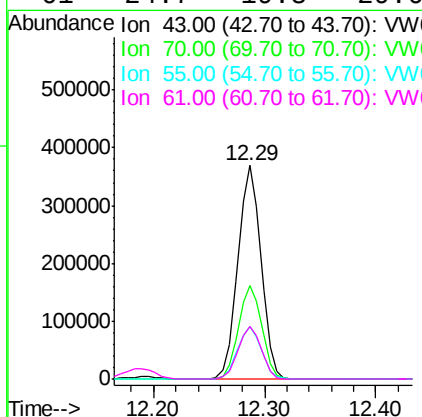
Manual Integrations
APPROVED

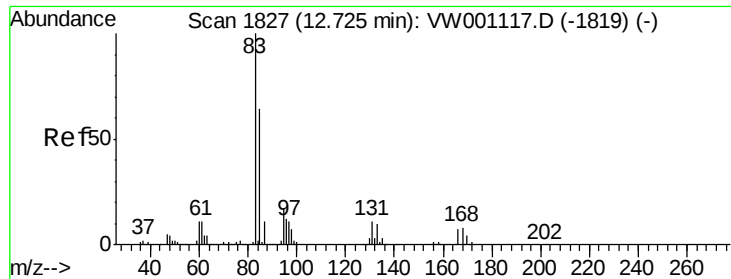
MMDadoda
1/30/2018 5:46:54 PM



#74
N-ethyl acetate
Concen: 163.67 ug/l
RT: 12.29 min Scan# 1755
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tgt Ion: 43 Resp: 530498
Ion Ratio Lower Upper
43 100
70 44.1 36.0 54.0
55 24.9 21.7 32.5
61 24.7 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 150.61 ug/l

RT: 12.73 min Scan# 1828

Delta R.T. 0.01 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

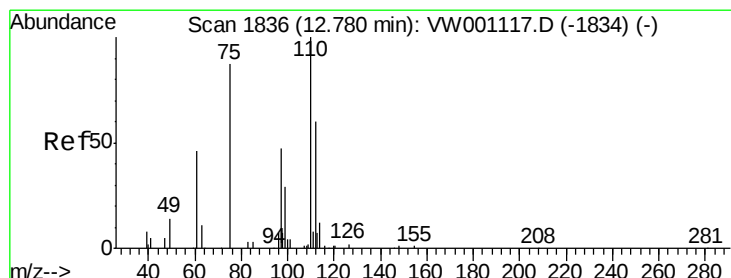
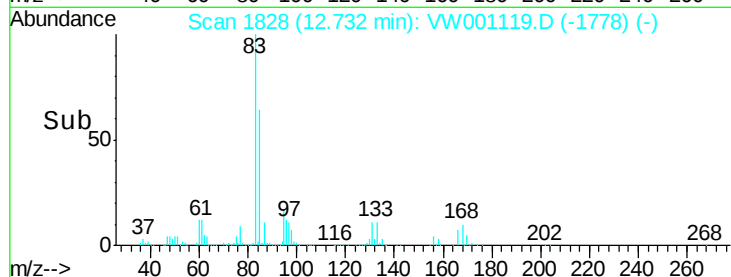
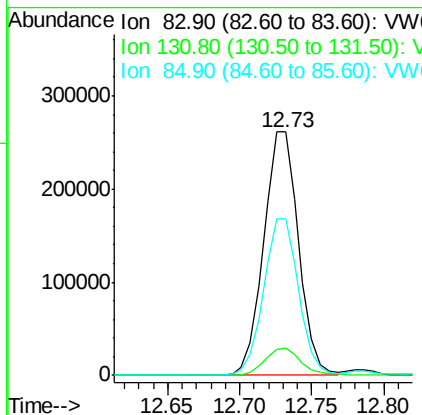
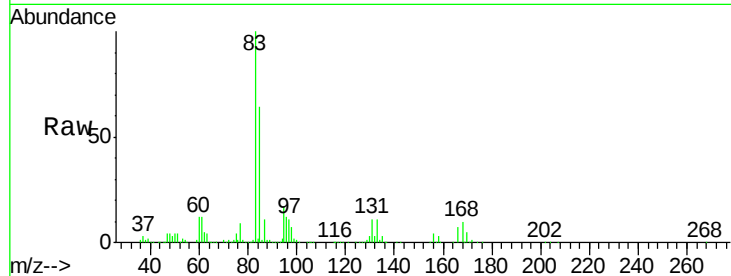
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	437234
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.8	17.4
85	64.5	32.3	96.9

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#76

1,2,3-Trichloropropane

Concen: 119.02 ug/l m

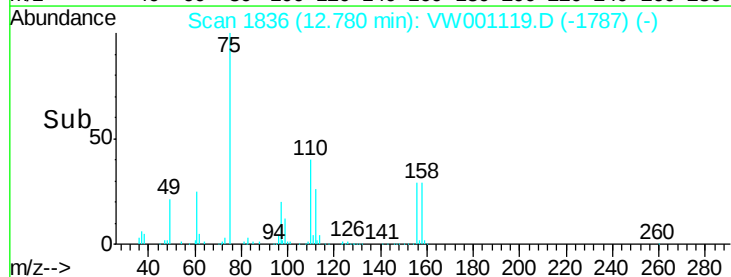
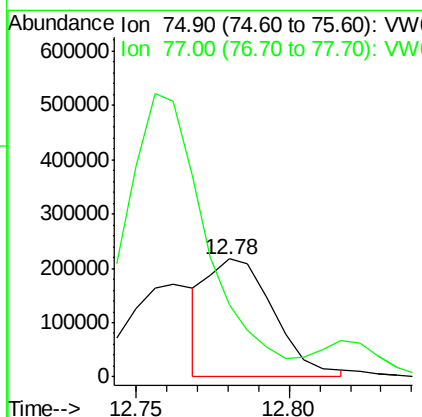
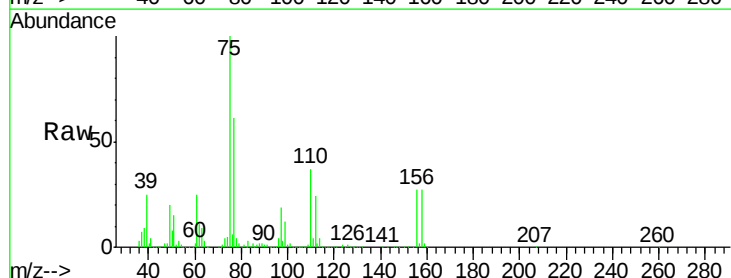
RT: 12.78 min Scan# 1836

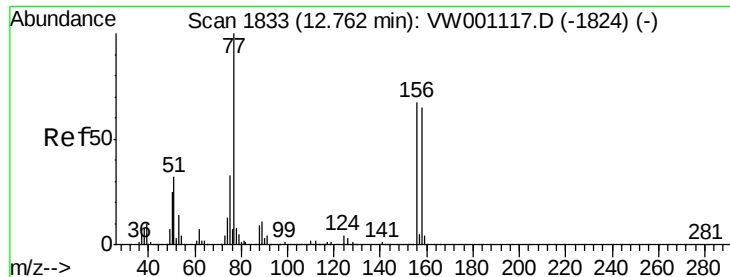
Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Tgt Ion:	75	Resp:	328616
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 151.51 ug/l

RT: 12.76 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:156 Resp: 558263

Ion Ratio Lower Upper

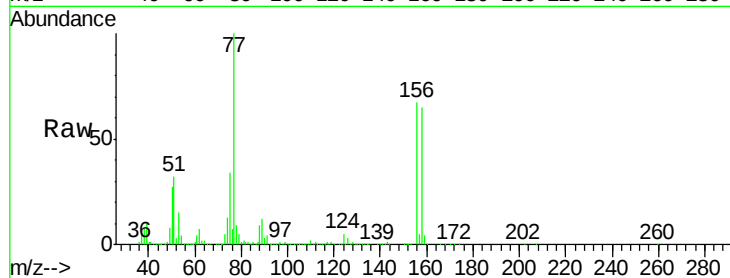
156 100

77 172.7 85.3 255.8

158 97.8 48.9 146.7

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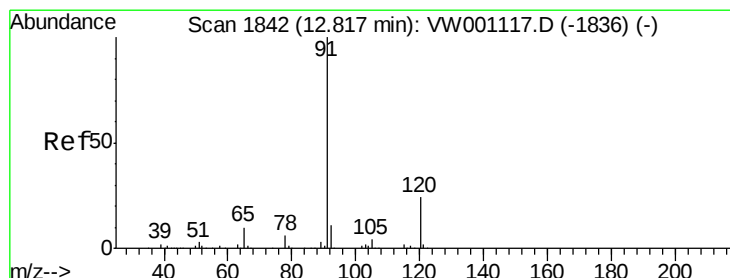
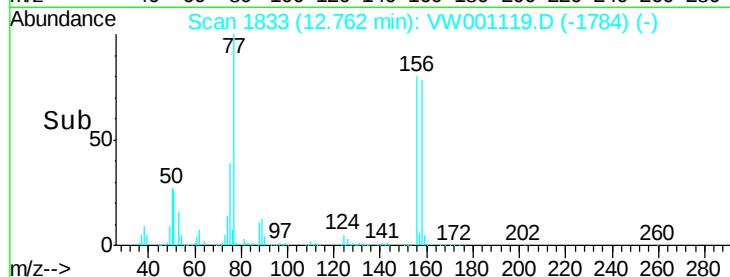
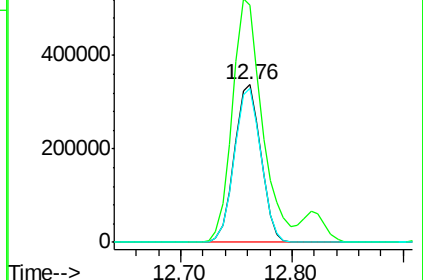
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 154.06 ug/l

RT: 12.82 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VW001119.D

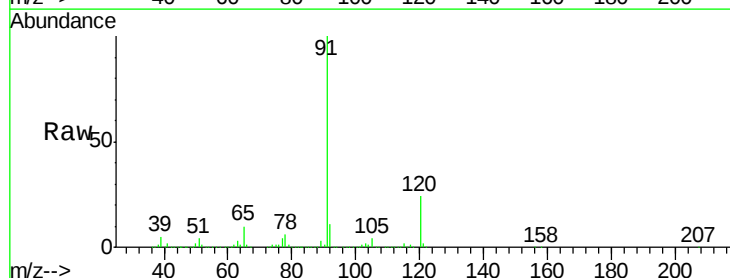
Acq: 29 Jan 2018 14:08

Tgt Ion: 91 Resp: 2617787

Ion Ratio Lower Upper

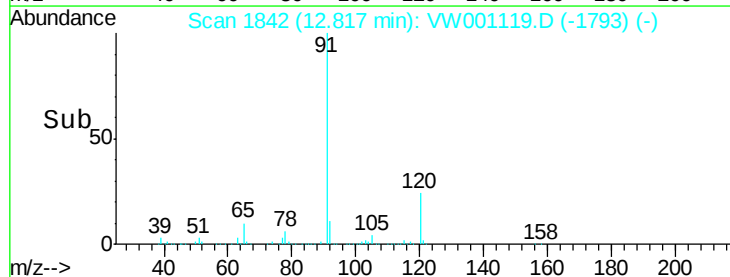
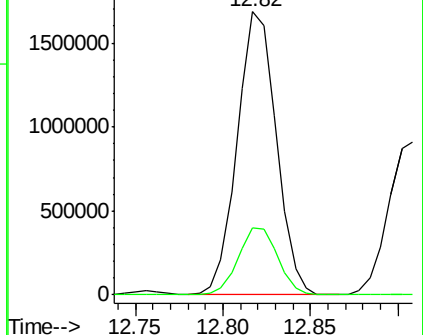
91 100

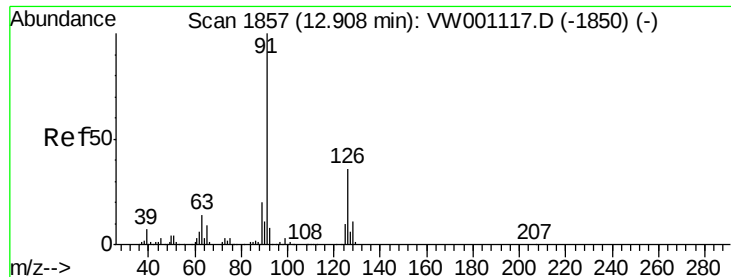
120 23.9 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 153.23 ug/l

RT: 12.91 min Scan# 1857

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1490106

Ion Ratio Lower Upper

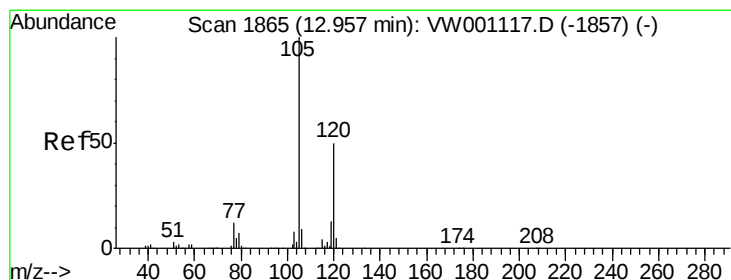
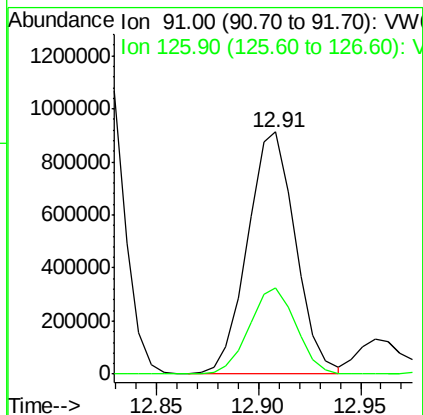
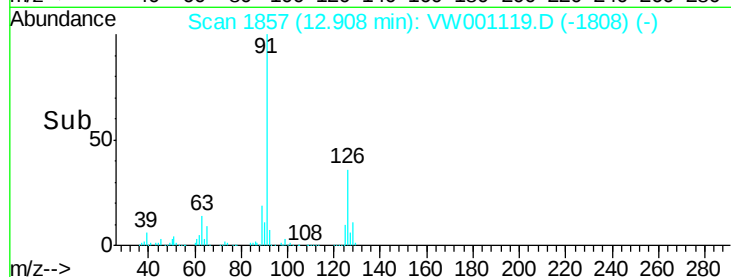
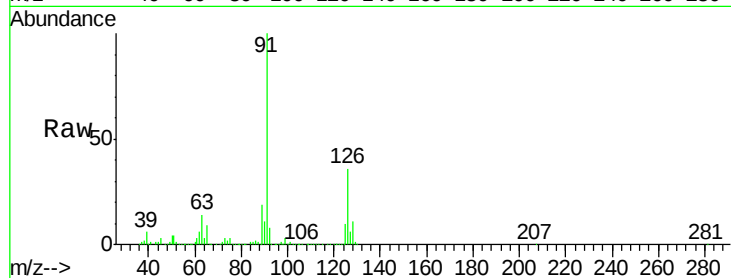
91 100

126 35.0 17.5 52.6

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#80

1,3,5-Trimethylbenzene

Concen: 156.51 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VW001119.D

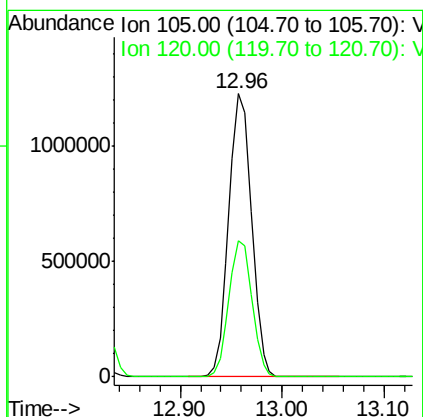
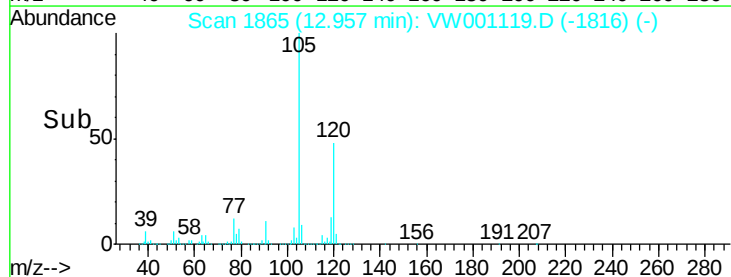
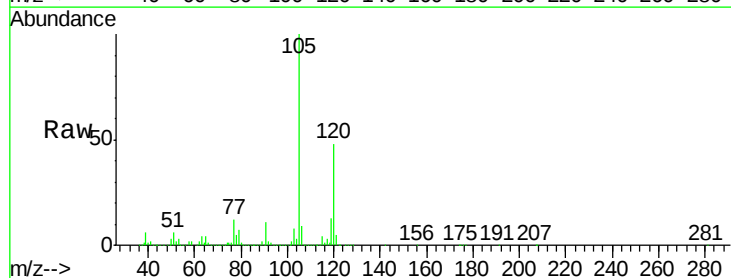
Acq: 29 Jan 2018 14:08

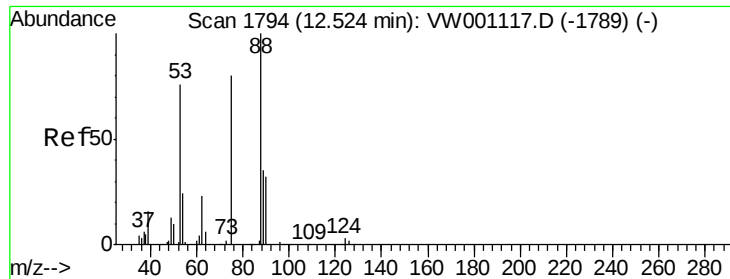
Tgt Ion:105 Resp: 1899722

Ion Ratio Lower Upper

105 100

120 48.7 24.9 74.7





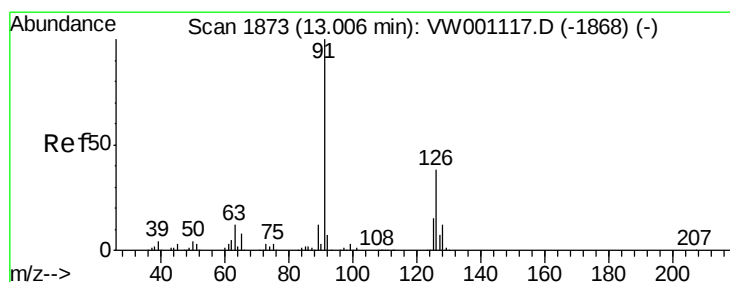
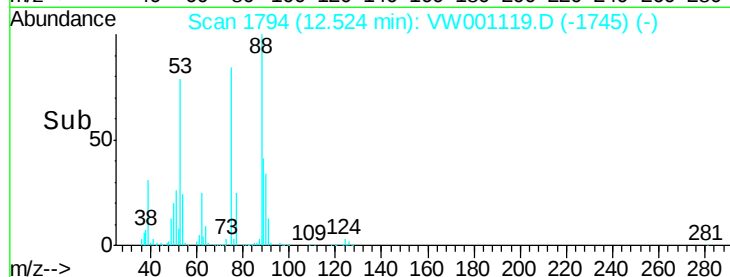
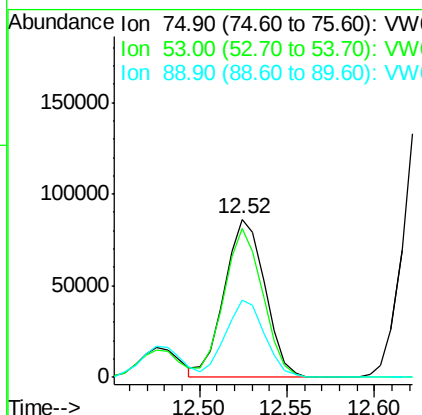
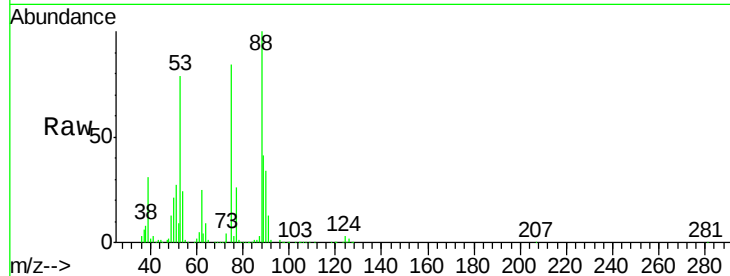
#81
trans-1,4-Dichloro-2-butene
Concen: 157.80 ug/l
RT: 12.52 min Scan# 1794
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.8	75.0	112.6
89	47.8	38.2	57.4

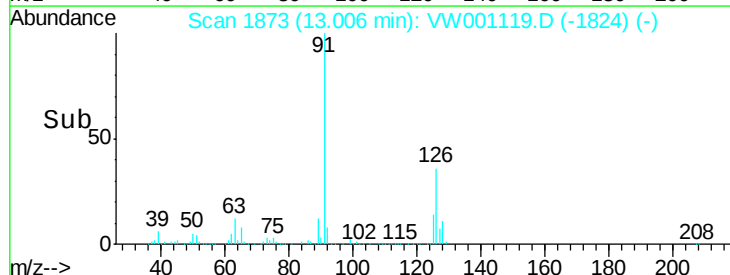
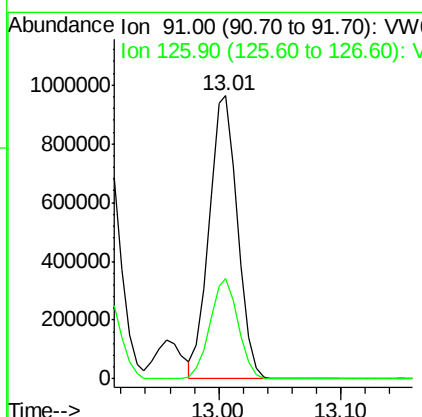
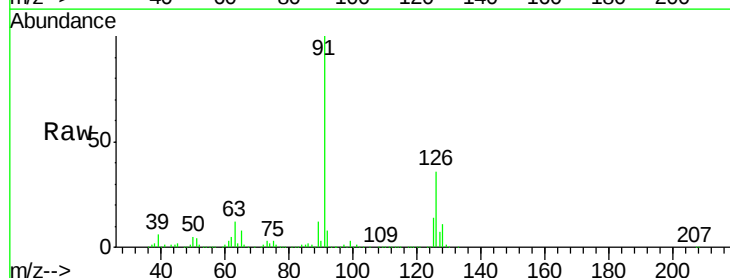
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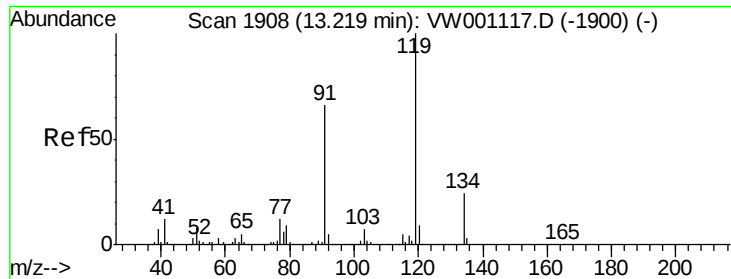
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#82
4-Chlorotoluene
Concen: 150.14 ug/l
RT: 13.01 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.8	53.4





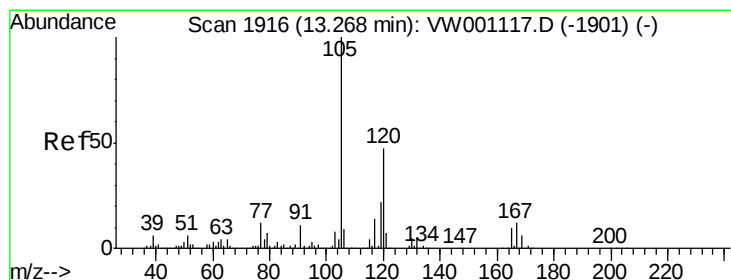
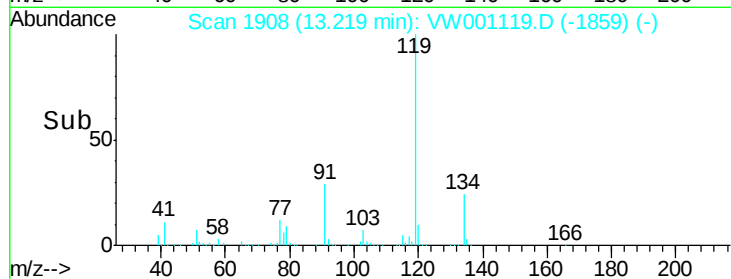
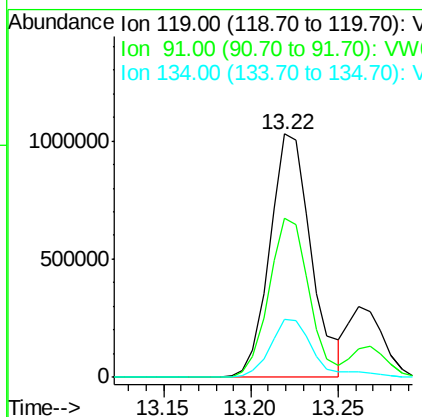
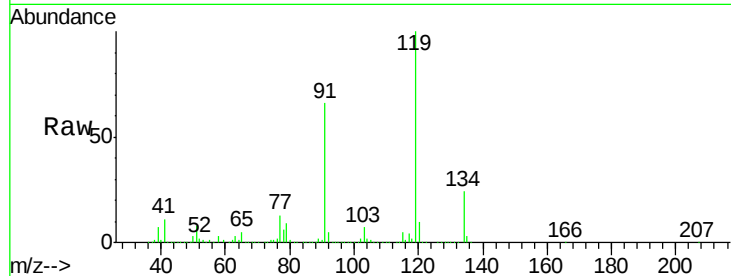
#83
 tert-Butylbenzene
 Concen: 158.04 ug/l
 RT: 13.22 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.3	31.9	95.5
134	25.3	12.7	38.0

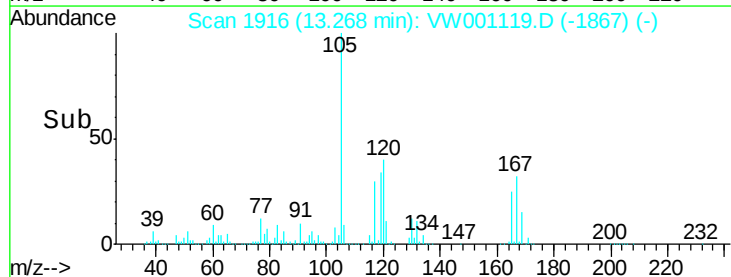
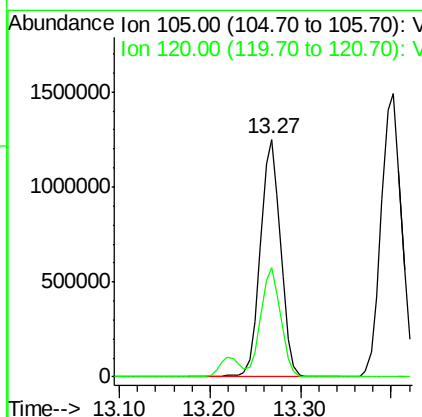
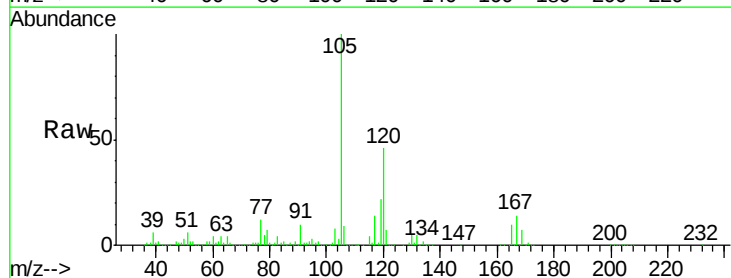
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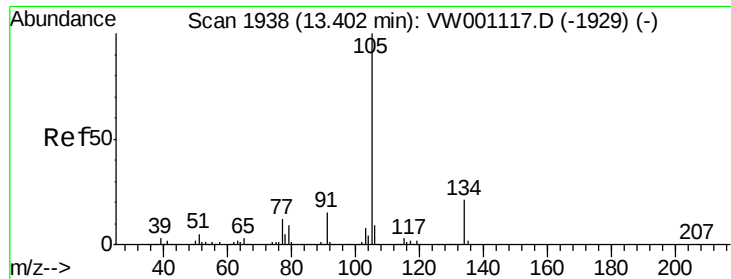
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#84
 1,2,4-Trimethylbenzene
 Concen: 155.51 ug/l
 RT: 13.27 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.9	68.8





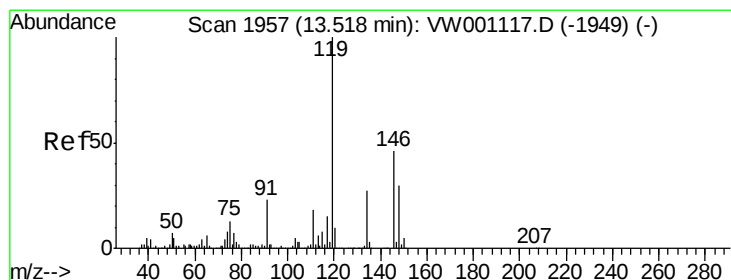
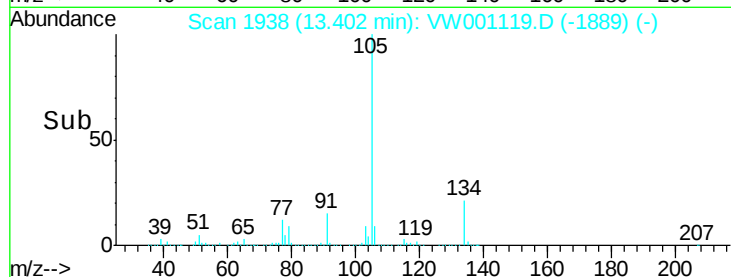
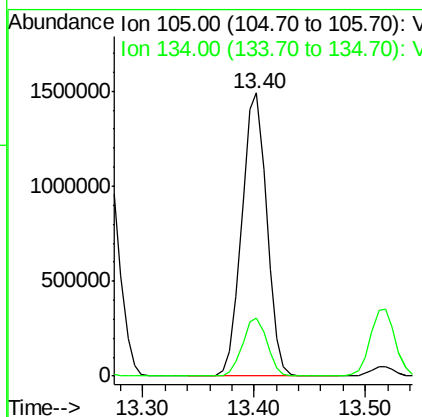
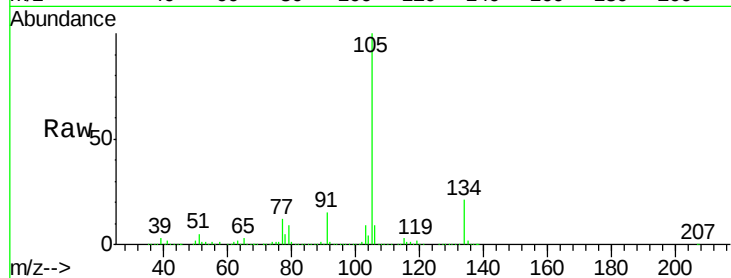
#85
 sec-Butylbenzene
 Concen: 152.21 ug/l
 RT: 13.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 2308933
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.3 30.8

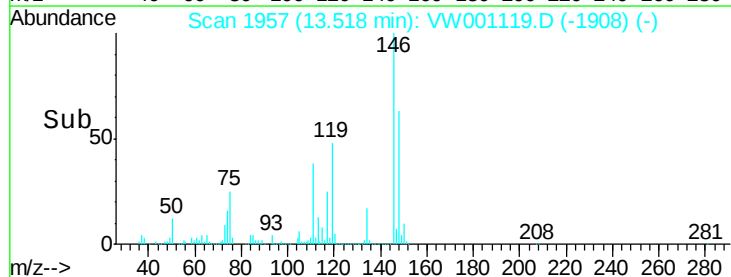
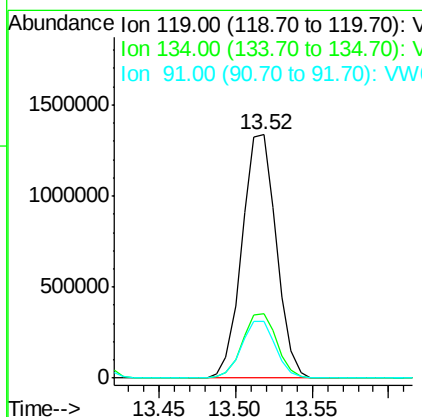
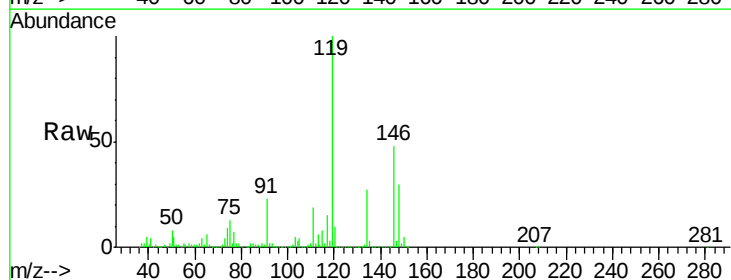
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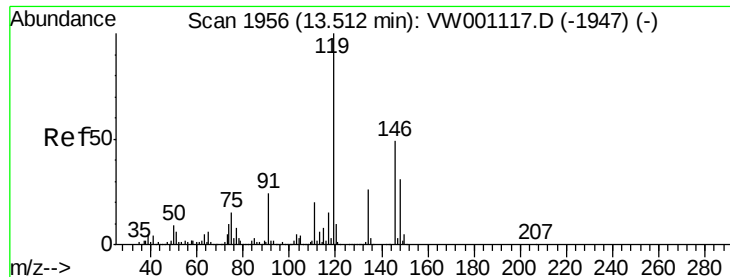
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#86
 p-Isopropyltoluene
 Concen: 153.72 ug/l
 RT: 13.52 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

Tgt Ion:119 Resp: 2073360
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.1
 91 23.5 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 145.04 ug/l

RT: 13.51 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:146 Resp: 1055221

Ion Ratio Lower Upper

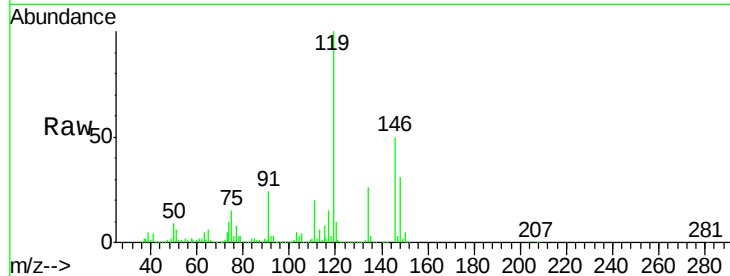
146 100

111 39.1 19.7 59.1

148 63.6 31.9 95.5

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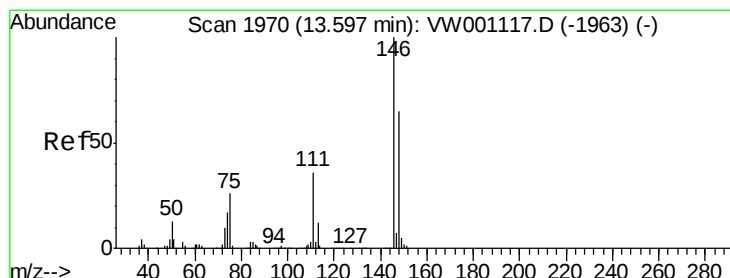
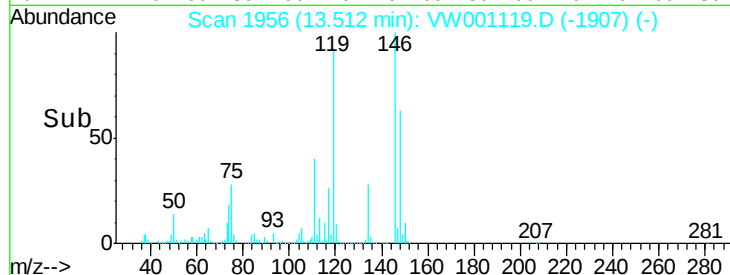
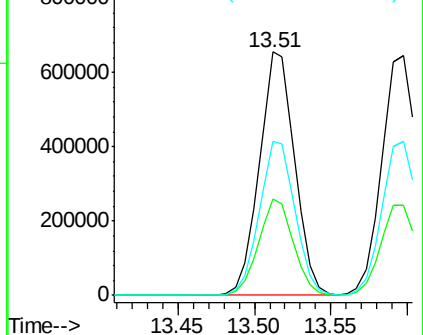
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Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 142.44 ug/l

RT: 13.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VW001119.D

Acq: 29 Jan 2018 14:08

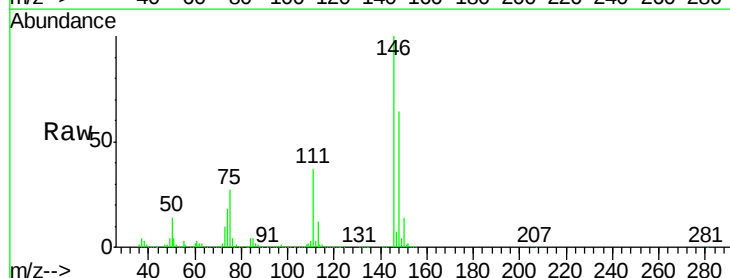
Tgt Ion:146 Resp: 1041154

Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.1

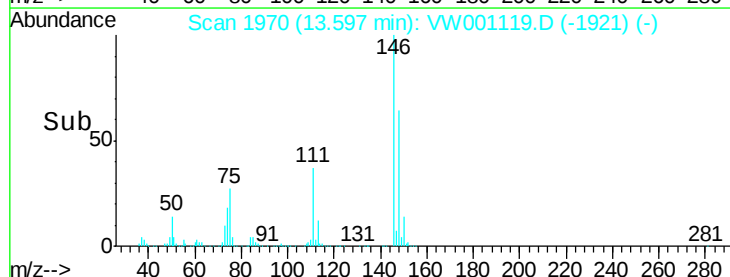
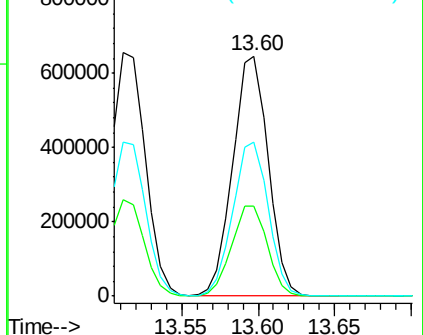
148 64.3 32.5 97.5

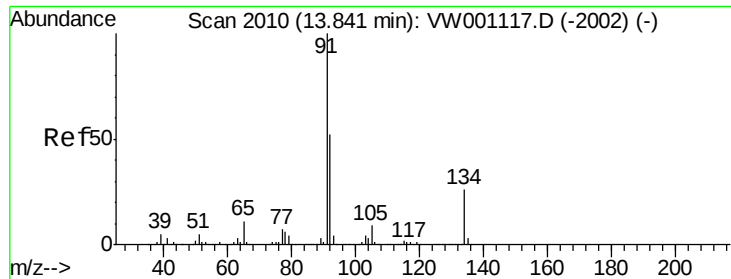


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





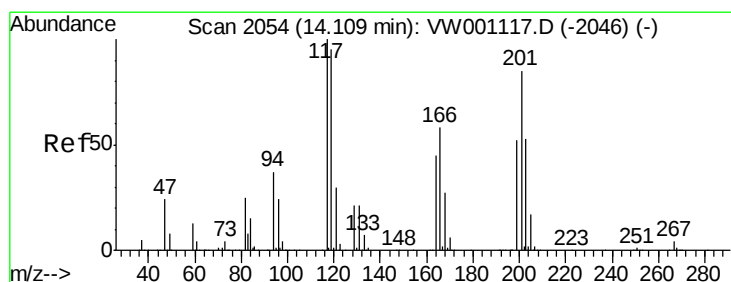
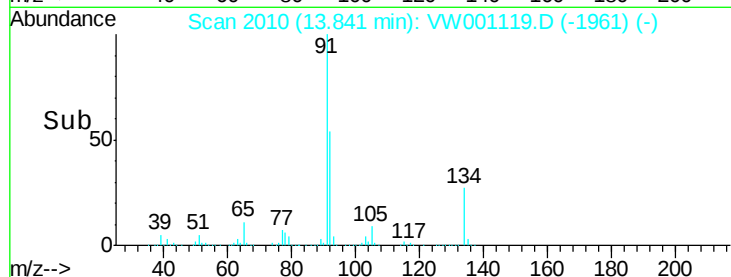
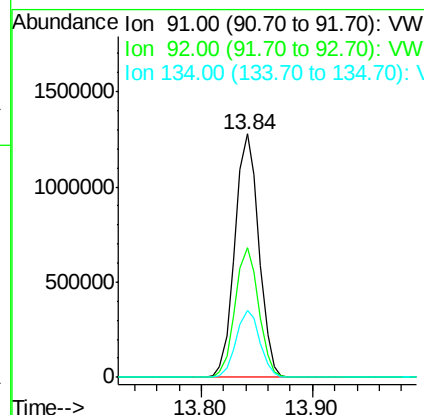
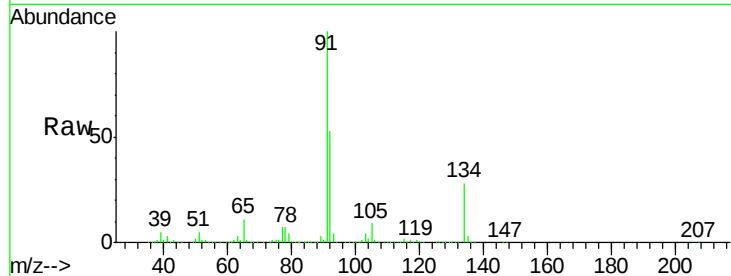
#89
n-Butylbenzene
Concen: 151.44 ug/l
RT: 13.84 min Scan# 2010
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1903063
Ion Ratio Lower Upper
91 100
92 52.7 26.1 78.2
134 27.4 13.6 40.8

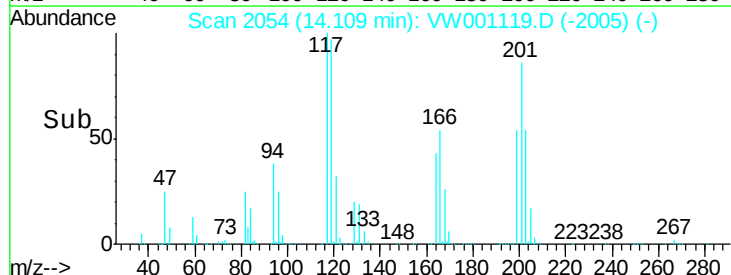
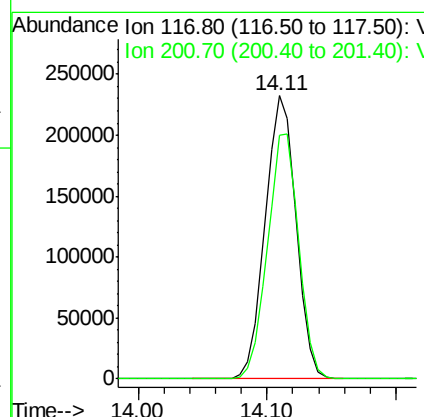
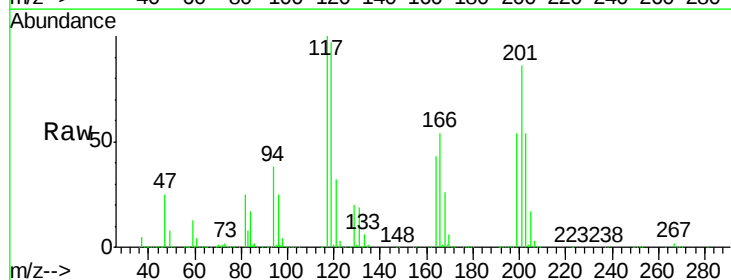
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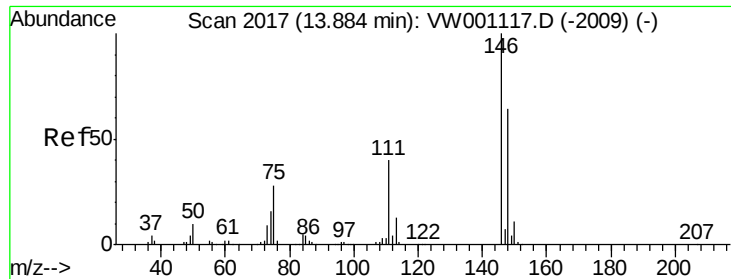
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#90
Hexachloroethane
Concen: 153.04 ug/l
RT: 14.11 min Scan# 2054
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tgt Ion: 117 Resp: 384924
Ion Ratio Lower Upper
117 100
201 87.8 43.3 129.8





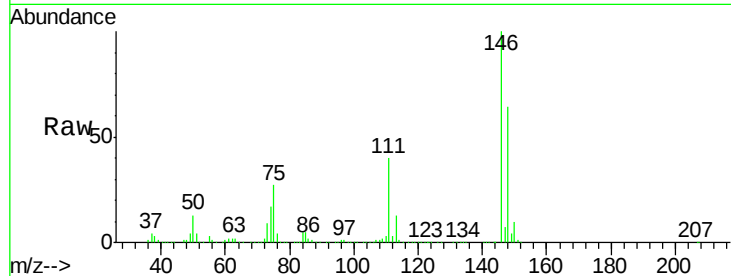
#91
 1,2-Dichlorobenzene
 Concen: 142.68 ug/l
 RT: 13.89 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

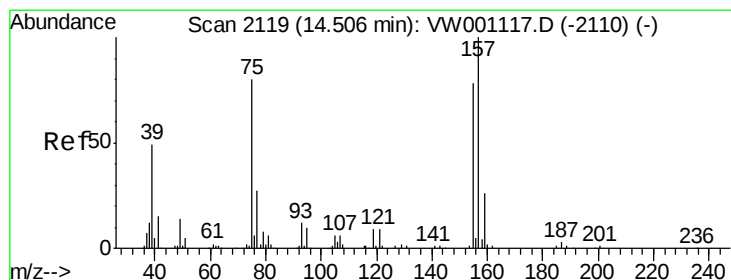
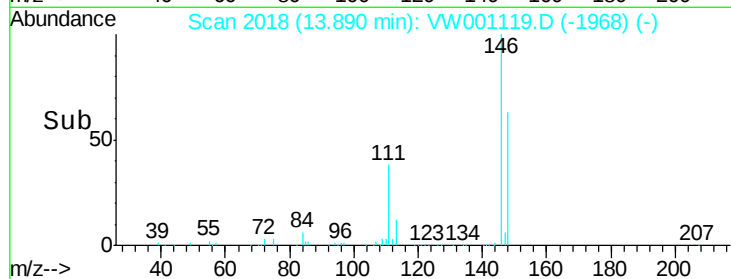
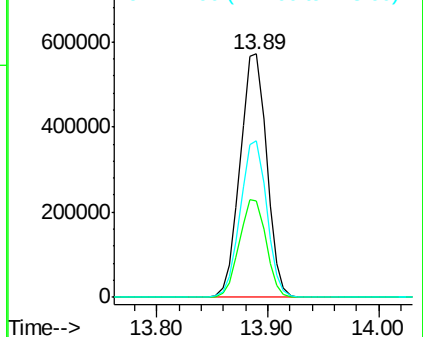
Tot Ion	Ratio	Resp	Lower	Upper
146	100	950195		
111	40.4	20.4	61.2	
148	63.6	32.2	96.6	

Manual Integrations
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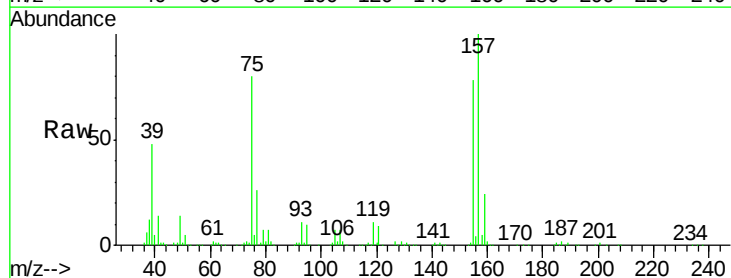


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

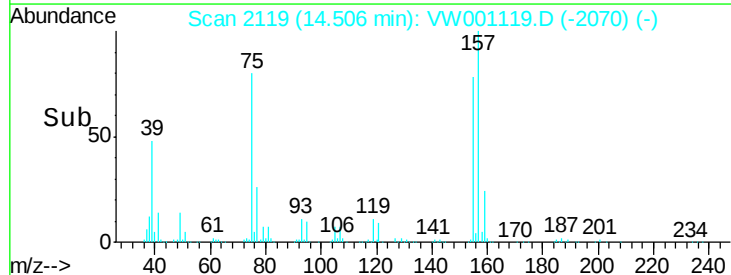
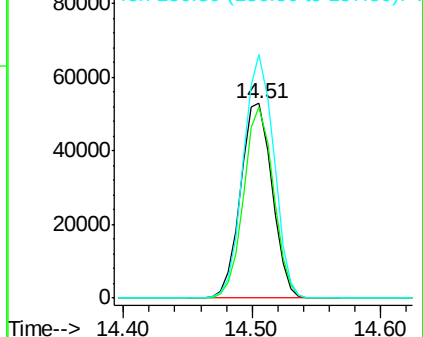


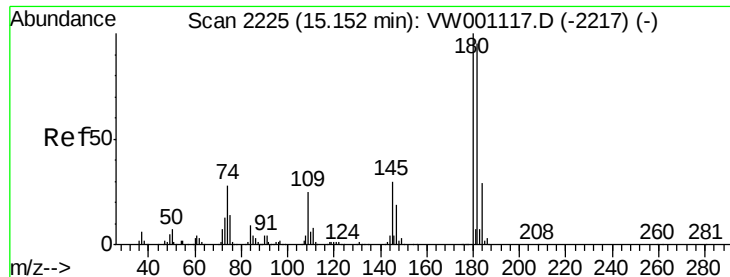
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 153.41 ug/l
 RT: 14.51 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	89833		
155	92.0	46.3	138.9	
157	120.2	60.0	180.0	



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





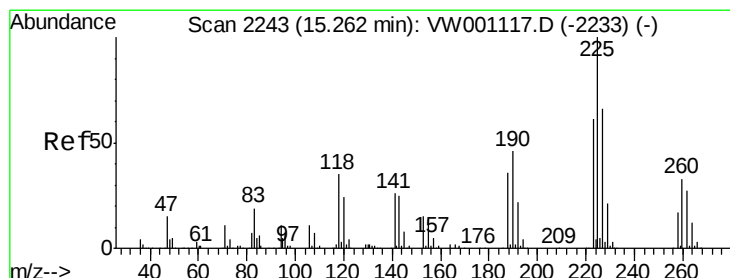
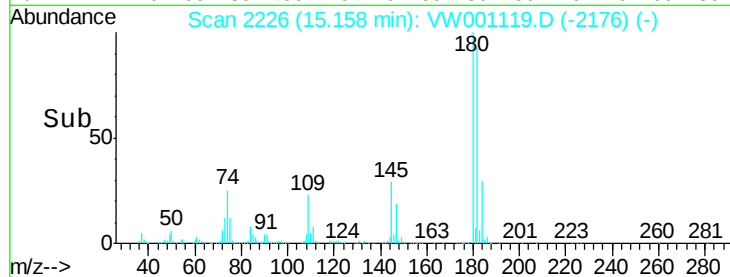
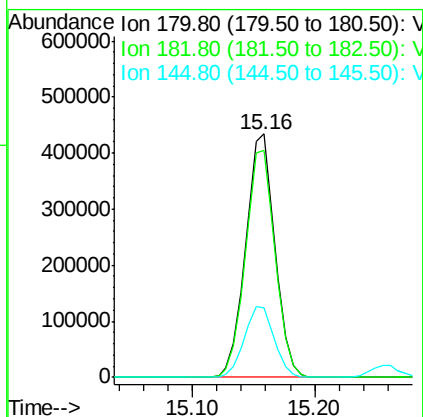
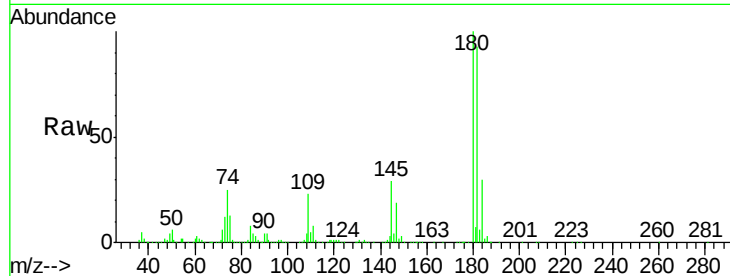
#93
 1,2,4-Trichlorobenzene
 Concen: 146.83 ug/l
 RT: 15.16 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	719431		
182	94.9	47.6	142.9	
145	29.9	15.0	45.1	

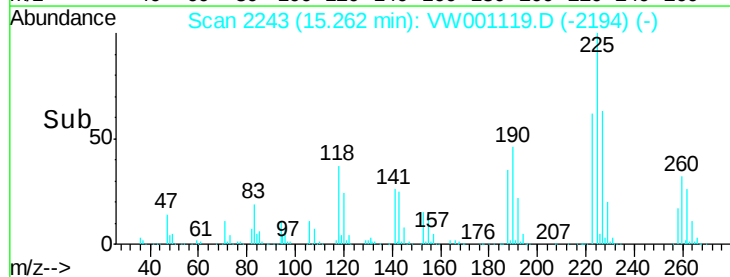
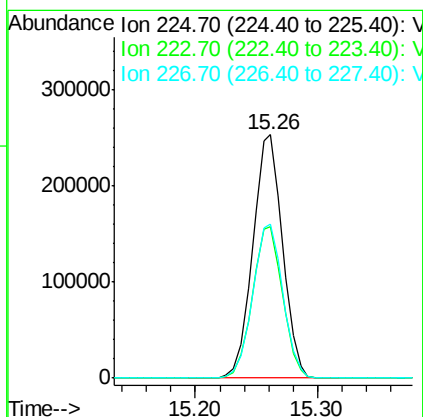
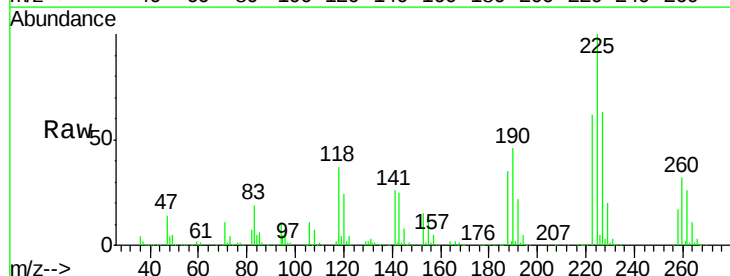
Manual Integrations
 APPROVED

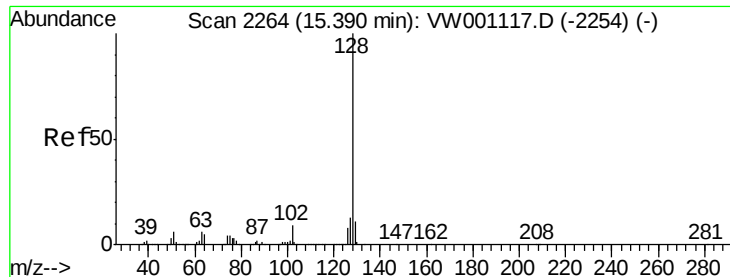
MMDadoda
 1/30/2018 5:46:54 PM



#94
 Hexachlorobutadiene
 Concen: 141.60 ug/l
 RT: 15.26 min Scan# 2243
 Delta R.T. 0.00 min
 Lab File: VW001119.D
 Acq: 29 Jan 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	429057		
223	62.8	31.1	93.3	
227	64.2	32.6	97.8	





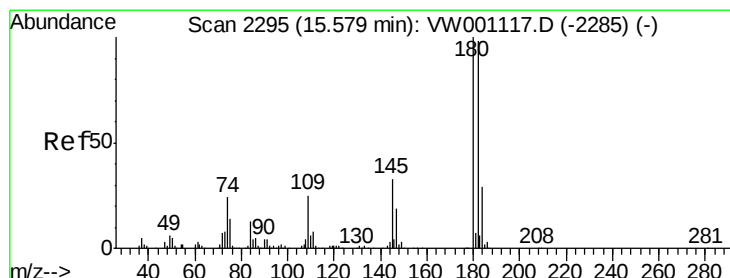
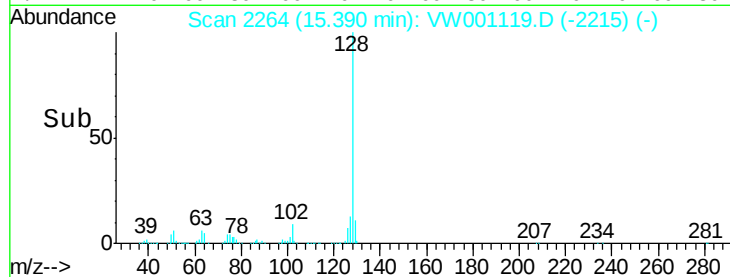
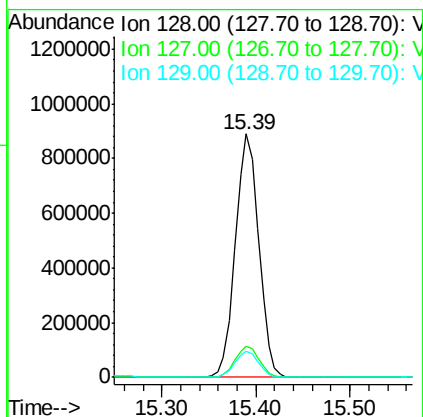
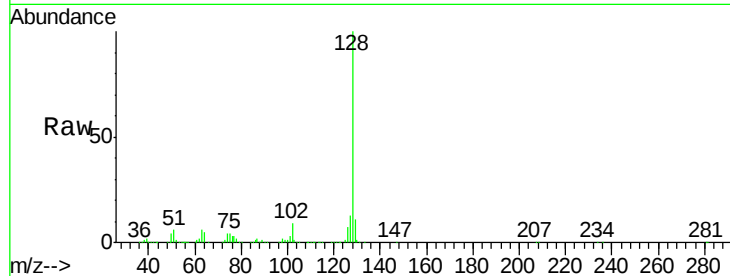
#95
Naphthalene
Concen: 158.28 ug/l
RT: 15.39 min Scan# 2264
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.7	16.1
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/30/2018 5:46:54 PM



#96
1,2,3-Trichlorobenzene
Concen: 144.17 ug/l
RT: 15.58 min Scan# 2295
Delta R.T. 0.00 min
Lab File: VW001119.D
Acq: 29 Jan 2018 14:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.7	146.1
145	31.9	16.0	47.9

